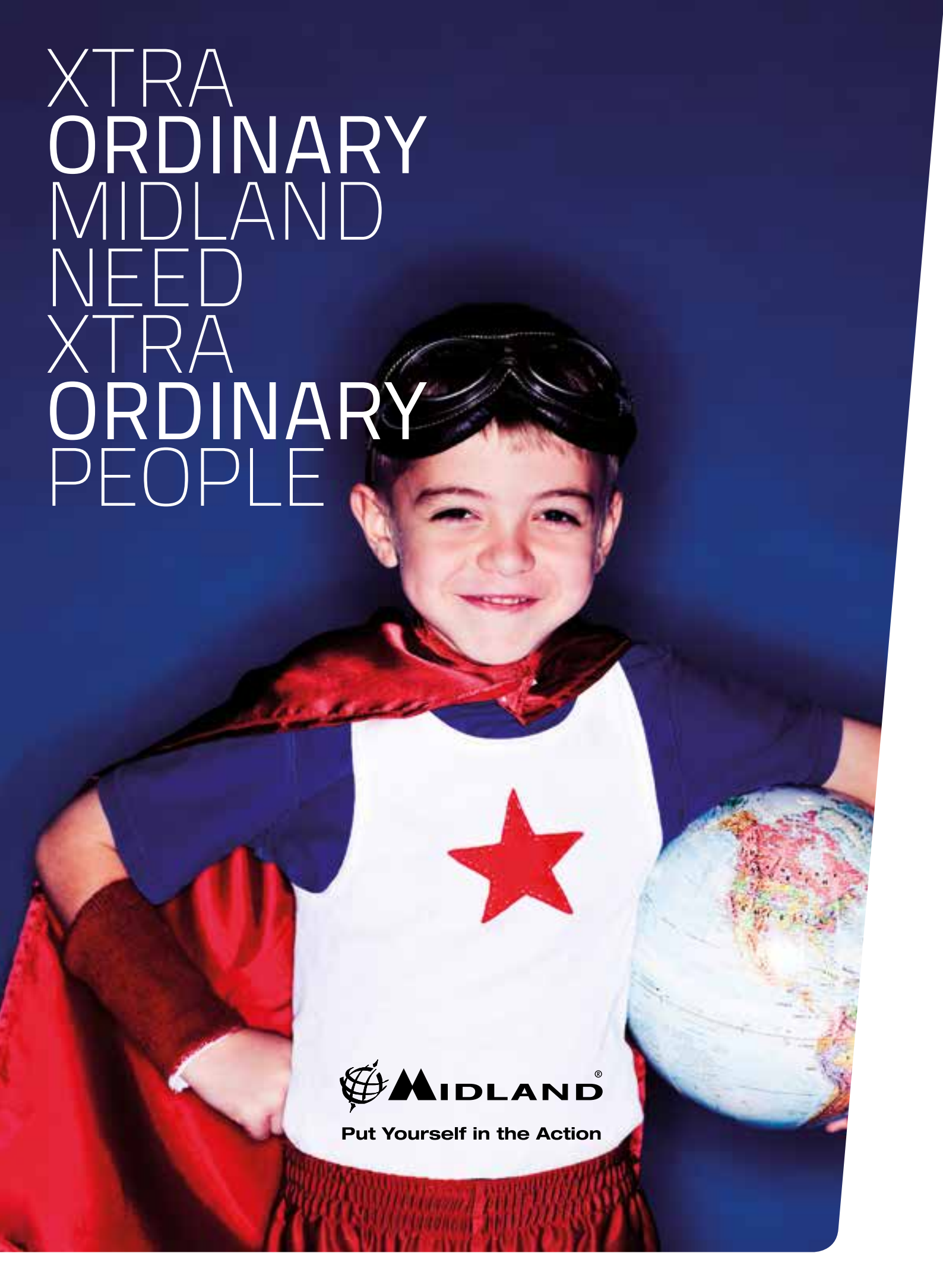
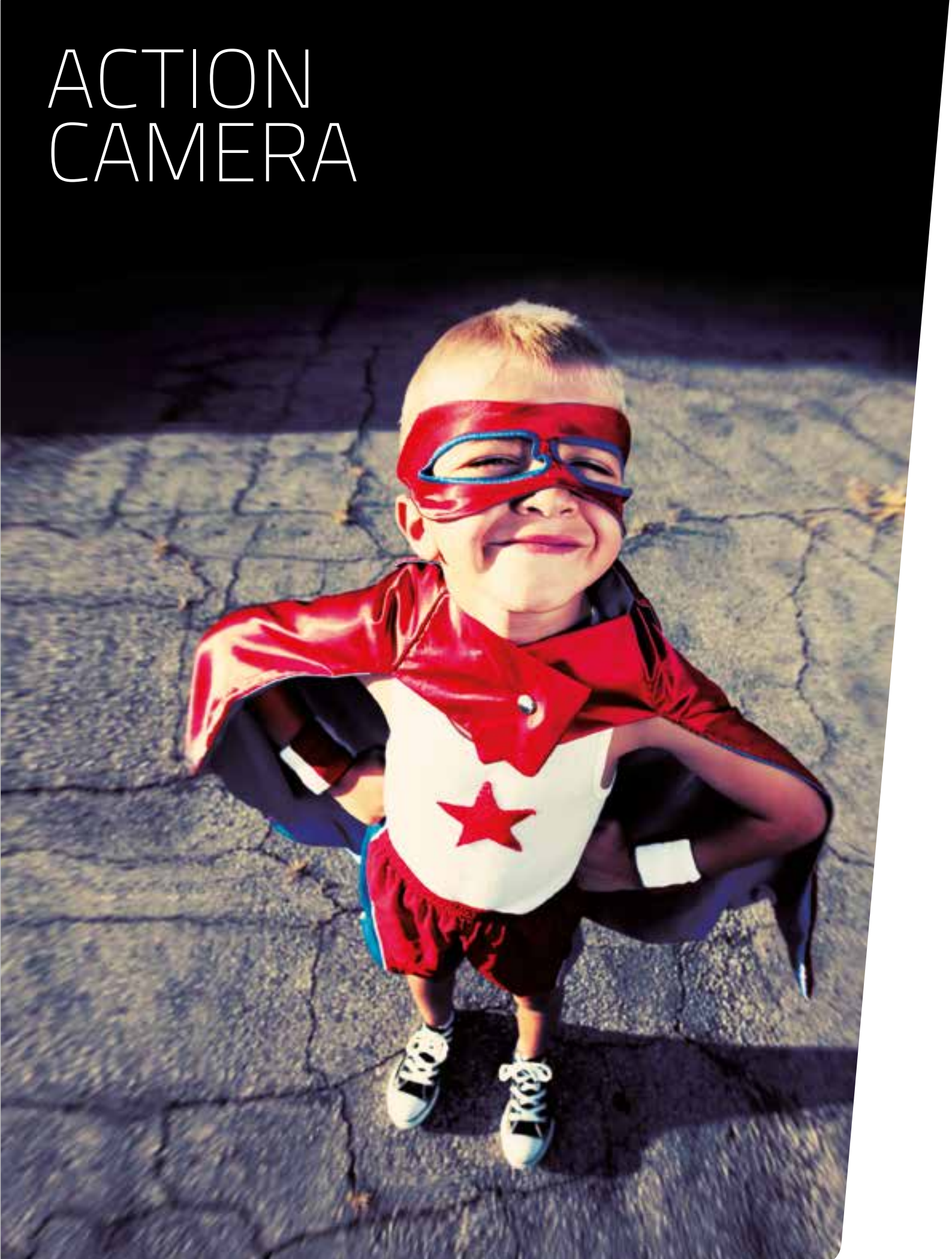

XTRA
ORDINARY
MIDLAND
NEED
XTRA
ORDINARY
PEOPLE
MIDLAND®
Put Yourself in the Action

1 ACTION CAMERA
11 PMR446/DUAL BAND TRANSCEIVERS
35 CB TRANSCEIVERS
48 VHF/UHF AMATEUR & PROFESSIONAL TRANSCEIVERS
60 VHF MARINE TRANSCEIVERS
66 ANTENNAS
75 MOTORCYCLE COMMUNICATION
89 INTERCOM & SPORT HANDPHONES
94 LOCALISER & EMERGENCY SYSTEM

ACTION CAMERA



MIDLAND XTC400 FULL HD ACTION CAM

IMMEDIATE RECORDING

WIFI

SUBMERSIBLE CASE 85M

IMAGE STABILIZATION

VIDEO H1080P M 720P-L WVGA

PHOTO 12MP

LONG LASTING BATTERIES (5H)

3+1 FIXING SYSTEM

NO INSTRUCTIONS

VAST RANGE OF ACCESSORIES

Full HD 1080

The mini-camera that combines sophisticated technology content with extreme ease of use. Chosen by fans of sports, by bikers, by winter sports enthusiasts and fans of diving and underwater fishing and many others...Thanks to the many accessories the Midland Action Cameras are versatile and suitable for any situation, ideal for every moment that must be shot and remembered

Thanks to the built-in WiFi, XTC400 connects to smartphones and tablets to watch videos and photos in real time and to share them with your friends

ACTION CONNECT
With the App "Action Connect" you can access a wide range of settings, activate the zoom, take pictures or sequences of pictures

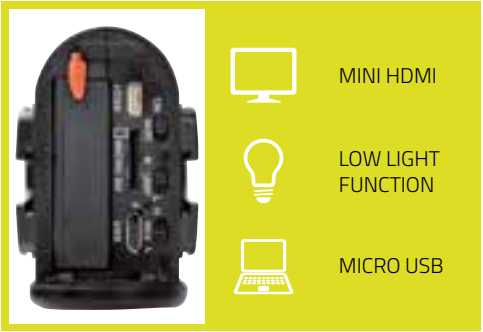
SHOOT
Watch live streaming video coming from the Cam XTC400 on your smartphone and tablet or use it as a remote control

SHOW
View and review movies and photos from your smartphone and tablet

SHARE
Sharing has never been so easy!
Download videos and photos on your mobile device and share them in real time with the whole world through Facebook and Youtube

ONE BUTTON
A single large button at the top to control the action cam

NO INSTRUCTIONS
All the information that you need are synthesized by three LEDs located on the camera: battery status, memory status and camera status



INCREDIBLE BATTERY LIFE
Up to 5 hours of recording

3+1 FIXING SYSTEM
The XTC400 is the ONLY Action Cam that can be fixed on both sides and at the base, with a **single fixing system**.
It is also fitted with standard screw for cameras

RESEARCH & DEVELOPMENT
New range of accessories totally redesigned in order to make them stronger, durable and suitable to any type of situation.

THE NEW RANGE OF MOUNTS
Surface Mount
Wearable Mount
Vehicles Mount
RAM Professional Mount
Tactical Mount

PACKS AND CODES
Video camera, 85m submersible case, 2 universal fixing systems with bi-adhesive (fixed and adjustable), Li-ion 3.7V battery pack 1700 mAh, USB cable
code C1106

XTRA ORDINARY SIMPLE

MIDLAND XTC280 FULL HD ACTION CAM

IMMEDIATE RECORDING

SUBMERSIBLE CASE 60M

IMAGE STABILIZATION

NO INSTRUCTIONS

REAL VIEW 130°

EAGLE EYE VIEW 90°

VAST RANGE OF ACCESSORIES

Full HD 1080

REAL VIEW

EAGLE EYE VIEW

THE SMALLEST AND LIGHTEST
Full HD video camera on the market, which encompasses simplicity and high technological standards

CAPTURE ALL ACTIONS
Sensations and emotions without having to think about the technology

REAL VIEW 130°
"Real view" mode in FULL HD, that guarantees an extremely clear shooting, avoiding every kind of image contortion

SIMPLICITY!
A simple click controls the action cam. No instructions are needed: simple, straightforward and intuitive

ONE BUTTON
A single large button at the top to control the action cam

EAGLE EYE VIEW 90°
"Eagle eye view" mode in HD Ready, captures all details by using a zoom shot

PACKS AND CODES

Video camera, 60m submersible case, universal fixing system with 2 bi-adhesive bases, Li-ion 3.7V battery pack 900 mAh, USB cable
code C1093

MIDLAND XTC285 FULL HD MIMETIC

In addition to having the characteristics present in the XTC280, the XTC285 is designed for use when it is important to be both silent and invisible.

TO BE INVISIBLE!

An action cam under a camouflage texture, the core of everything needed for a real adventure

STEALTH MODE

Make your Action Cam silent!

PACKS AND CODES

Video camera, 60m submersible case, universal fixing system with 2 bi-adhesive bases, Li-ion 3.7V battery pack 900 mAh, USB cable

code C1093.01

XTRA ORDINARY CATCHING

MIDLAND XTC260 HD READY ACTION CAM

NEW

IMMEDIATE RECORDING

SUBMERSIBLE CASE 30M

NO INSTRUCTIONS

VAST RANGE OF ACCESSORIES

720pHD

THE PERFECT COMBINATION OF PERFORMANCE AND CONVENIENCE
With just one click the action cam is on! One unique big button at the top of the camera for easy operation

TOP PERFORMANCES LOW COST
Discover the convenience of this small but sturdy action cam, designed for outdoor activities

COMPACT AND LIGHTWEIGHT
With its 88,7gr and 8,5cm of length, XTC260 is the lightest and smallest HD ready action cam on the market today. Intuitive and immediate thanks to the 3 leds that indicate the activated functions

PACKS AND CODES

Video camera, 30m submersible case, universal fixing system with 2 bi-adhesive bases, Li-Ion 3,7V battery pack 900mAh, USB cable
code C1144

TECHNICAL SPECIFICATIONS

MODEL	XTC400	XTC280/285	XTC260
RESOLUTION	1920 x 1080p (30/25fps) 1280 x 720p (60/50fps) WVGA848X480 (120/100fps)	1920 x 1080p (30fps) 1280 x 720p (60fps)	1280 x 720p (30fps) 640x480 (60fps)
SENSOR	12Mp	5,2 Mp	2,0 Mp
ASPECT RATIO	16:9	16:9	16:9
FORMAT	H.264 File type - MP4	H.264 File Type - MP4	H.264 File Type - MP4
LENS	7 elements (6 tempered glass, 1 IRF)	5 elements	5 elements
ROTATING LENS	Yes	No	No
LENS ANGLE	Variable 170°	130° H/90° L	140°
SD CARD	Up to 32 GB	Up to 32 GB	Up to 32 GB
BATTERY	Li-Ion 1700mAh, up to 5 hours	Li-Ion 900 mAh, up to 2 hours	Li-Ion 900 mAh, up to 3 hours
INSTANT RECORDING	Yes	Yes	Yes
STEALTH MODE	Optional	Yes	No
PHOTO	Yes	No	No
TRIPOD MOUNT	Yes	Yes	Yes
EXT MICROPHONE JACK	Yes	No	No
WEIGHT	140g	93g	88,7 g
DIMENSIONS	(HxLxP) 52x95x35mm	(HxLxP) 42.2x89,1x30.3mm	(HxLxP) 42.2x85.5x30.3mm
OPERATING SYSTEM	Win XP, SP2, Vista 7&8, Mac OSX 10.4+	Win XP, SP2, Vista 7&8, Mac OSX 10.4+	Win XP, SP2, Vista 7&8, Mac OSX 10.4+

MOUNTS AND ACCESSORIES

SURFACE				
XTC400		BASIC	**C1108**	Base fixing system (4 pcs)
XTC400		MINISPIDER	**C1109**	Small base with 3M adhesive and 45° slide
XTC400		SPIDER	**C1110**	Large base with 3M adhesive and 45° slide
XTC280 **XTC285** **XTC260**		HELMET MOUNT	**C990**	Bi-adhesive helmet mount
XTC280 **XTC285** **XTC260**		SURF SNOWBOARD MOUNT	**C1038**	270° Adjustable ABS and stainless steel mount with safety device to be fixed to a surfboard or snowboard
WEARABLE				
XTC400		BELT MOUNT	**C1111**	Belt mount
XTC400		VENTED HELMET MOUNT	**C1112**	Bicycle helmet mount
XTC400		HEAD STRAP MOUNT	**C1113**	Headband mount
XTC400		GOGGLE MOUNT	**C1114**	Mount for google (ski, motocross)
XTC280 **XTC285** **XTC260**		GOGGLE MOUNT	**C989**	Mount for google (ski, motocross)
XTC280 **XTC285** **XTC260**		CAP MOUNT	**C1012**	Cap mount

XTC280 **XTC285** **XTC260**		HEAD STRAP MOUNT	**C1040**	Headband mount
XTC280 **XTC285** **XTC260**		VENTED HELMET MOUNT	**C991**	Universal Velcro band for bicycle helmet, rucksack, etc.
VEHICLE				
XTC400		HANDLEBAR MOUNT	**C1117**	Mount for handlebars
ALL		SUCTION CAP MOUNT	**C980.01**	Suction mount for cars and motorcycles for stable recording on a vehicle, ideal for smooth (bodywork) and rough surfaces (dashboard).
XTC280 **XTC285** **XTC260**		HANDLEBAR MOUNT	**C992**	Mount for handlebars and tubes
PROFESSIONAL/RAM				
ALL		RAM ROLL BAR MOUNT	**C1042**	Professional mount for tubular handlebar with a diameter of between 1 and 3 cm
ALL		RAM MAGNETIC MOUNT	**C1041**	Professional magnetic mount for metal surfaces. In steel, water resistant
ALL		RAM MOTO QUAD MOUNT	**C1052**	Professional mount suitable for all vehicles with tubes with a diameter from 3 to 6 cm
TACTICAL - WEAPONS				
XTC400		PICATINNY MOUNT	**C1118**	Mount for rifles and guns with Piccatinny Rail
XTC280 **XTC285** **XTC260**		PICATINNY MOUNT	**C1039**	Mount for rifles and guns with Piccatinny Rail
ALL		FIELD GUN MOUNT	**C1064.01**	Universal mount for rifles
ALL		RIFLE MOUNT	**C1066**	Mount for carbine rifle

ALL		BOW MOUNT	**C1068**	Bow mount
		TREE MOUNT	**C1062**	Tree mount
POD				
ALL		XT-POD	**C1116**	Multicam Monopod – Aluminum body (18cm)
ALL		XT-POD 2S	**C1116.01**	Telescopic multicam 2-section Monopod 100% Carbon fiber (80cm)
ALL		XT-POD 3S	**C1116.02**	Telescopic multicam 3-section Monopod 100% Carbon fiber (112cm)
SUBMERSIBLE CASES/LENS KIT				
XTC400		CC-XTC400	**C1121**	Submersible case 85m
XTC300		CC-XTC300	**C1031**	Case with flat lens for diving down to 60 m
XTC280 **XTC285** **XTC260**		CC-XTC280	**C976.01**	Case with flat lens for diving down to 60 m
XTC300		LENS KIT	**C1074**	Lens replacement kit Contains: camera lens, spherical lens, flat lens 60 m of case and seals
XTC300		FLAT LENS	**R73453**	60m flat lens
ADAPTERS				
XTC400		TRIPOD MOUNT	**C1120**	Side adapter to transform any screw mount into a side attachment
XTC280 **XTC285** **XTC260**		TRIPOD MOUNT	**R73161**	Side adapter to transform any screw mount into a side attachment
BATTERIES				
XTC400		BATTERY	**C1124**	3,7V - 1700mAh Li-Ion battery pack
XTC300		BATTERY	**C1014**	1100mAh lithium battery
XTC280/285/260		BATTERY	**C1015**	900mAh lithium battery
MEMORY CARD				
ITALY ONLY		MEMORY CARD	**C1067**	Memory Card Class 10 - 8 GB
		MEMORY CARD	**C1067.01**	Memory Card Class 10 - 16 GB
		MEMORY CARD	**C1067.02**	Memory Card Class 10 - 32 GB

PMR446 DUAL BAND

COMMUNICATE AT NO COST

The Midland transceivers are the most advanced, efficient technological solution to communicate with one or more people at no cost*.

Communication is immediate, with no need to key in any numbers or perform any other procedures, by simply pressing the PTT (push to talk) button on the side. Range can be from 3 to 10 km (and beyond) depending on the land.

The Midland transceivers are extremely useful not only in a professional setting, where constant communication is essential, but also during free time, to maintain contact during excursions and trips, by bicycle, on skis, by motorcycle, by boat, etc.

* In Italy, the buyer is required to submit a declaration to the Territorial Inspectorate of the competent region and make payment of an annual flat fee of €12, regardless of the number of radios used.

MIDLAND
M24/48/99-S

AAA BATTERY (M24-S)

BATTERY PACK (M48-S/M99-S)

VOX

SCAN

BATTERY LEVEL

2 PIN

THE MOST COMPLETE RANGE FOR THOSE APPROACHING THE RADIO WORLD

M24-S - 24 CHANNELS

Version: PMR446
Colour: black/green
Channels: 24 (8+16 pre-programmed)
Tones: 38 CTCSS

SPECIFICATIONS

- Built-in vox adjustable to 2 levels
- Alphanumeric LCD display
- Call button, Keypad lock
- "SCAN" function, Auto Power Save
- Battery life: up to 12 hours
- Power supply: AAA batteries
- 2-pin accessory socket
- Compatible wall charger: MW904

PACKS AND CODES

2 radios, 2 belt clips, 8 batteries
code C1035

M48-S - 48 CHANNELS

Version: PMR446
Colour: black/orange
Channels: 48 (8+40 pre-programmed)
Tones: 38 CTCSS

SPECIFICATIONS

- Built-in vox adjustable to 2 levels
- Alphanumeric LCD display
- Call button, Keypad lock
- "SCAN" function, Auto Power Save
- Battery life: up to 12 hours
- Power supply: battery packs
- 2-pin accessory socket
- Compatible wall charger: MW904

PACKS AND CODES

2 radios, 2 belt clips, 2 battery packs (800mAh), double desktop charger and wall adapter
code C1036

M99-S 99 CHANNELS SUPER-ACCESSORISED

Version: PMR446
Colour: black/silver
Channels: 99 (8+91 pre-programmed)
Tones: 38 CTCSS

SPECIFICATIONS

- Built-in vox adjustable to 2 levels
- Alphanumeric LCD display
- Call button, Keypad lock
- "SCAN" function, Auto Power Save
- Battery life: up to 12 hours
- Power supply: battery packs
- 2-pin accessory socket
- Compatible wall charger: MW904

PACKS AND CODES

2 radios, 2 belt clips, 2 battery packs (800mAh), 2 earpieces, 2 desktop chargers, 2 wall adapters
code C1037

MIDLAND G5 XT

08 PMR446

16 CHANNELS PRE-PROGR

BABY SITTER

BATTERY LEVEL

AAA BATTERY

2 PIN

IDEAL IN THE FAMILY, THANKS TO THE BABYSITTING FUNCTION

Version: PMR446
Colour: Black
Channels: 8 + 16 pre-programmed
Tones: 38 CTCSS

SPECIFICATIONS

- Babysitting function with dedicated channels
- Keypad lock
- Auto power save: automatic battery saving
- Low battery indicator
- VOX adjustable to 3 different levels + Vox Talk Back
- CALL
- Roger beep: end of call tone
- Power supply: 3 AAA batteries
- 2-pin accessory socket
- Compatible wall charger: MW904

PACKS AND CODES

Blister pack with pair of radios, 2 wall chargers, 6 rechargeable AAA batteries, 2 belt clips, 2 wrist straps
code C897

Work&Hobby full optional
pair of radios, 2 wall chargers, 6 rechargeable AAA batteries, 2 microphones with adjustable earpieces and PTT, 2 12V travel power supplies
code C897.01

MIDLAND G5 XT WORK&HOBBY FULL OPTIONAL

Practical box to carry radios wherever needed.
The **Eva case** enables to carry the following in a practical case: a pair of G5 XT, 2 wall chargers, 6 batteries, 2 microphones with earpieces and travel power supplies.

MIDLAND G7XTR

08 PMR446

69 LPD

CALL

VOX

HI/LOW POWER

DUAL WATCH

VIBRACALL

BATTERY LEVEL

AA BATTERY

BATTERY PACK NI-MH

2 PIN

PRACTICAL AND HARD-WEARING, EVER THE BEST-SELLER, ALSO AVAILABLE IN CAMOUFLAGE VERSION

Versions: Dual band PMR446/LPD
Colours: Gray/Black - Mimetic Mossy Oak
Channels: Dual band: PMR446 8 - LPD 69
Tones: 38 CTCSS
EXPORT VERSION: 3W

SPECIFICATIONS

- Dual watch: to monitor 2 different channels at the same time
- High/low power
- Vibracall
- Keypad lock
- Auto power save: automatic battery saving
- Low battery indicator
- VOX adjustable to 2 levels, for hands-free communication
- CALL with 5 different melodies
- SCAN
- Monitor
- Roger beep: end of call tone
- Power supply: battery pack or 4 AA batteries
- 2-pin accessory socket
- Compatible wall charger: MW 904

XTRA ORDINARY VERSATILE

PACKS AND CODES

G7XTR Box single pack:
Box with 1 radio, wall charger, 4 rechargeable Ni-MH AA 1.2V/1800 mAh batteries, belt clip
code C926 Dual band version

G7XTR Mimetic Box single pack:
Box with 1 radio, wall charger, 4 rechargeable Ni-MH AA 1.2V/1800 mAh batteries, belt clip
code C926.04 Dual band version

Blister Box:
Blister pack with pair of radios, double desktop charger, wall adapter, 2 800mAH battery packs, belt clip
G7XTR code C926.03 Dual band version (PMR446/LPD)
G7E XTR code C926.01 PMR446 only version
G7XTR code C926.10 UK version

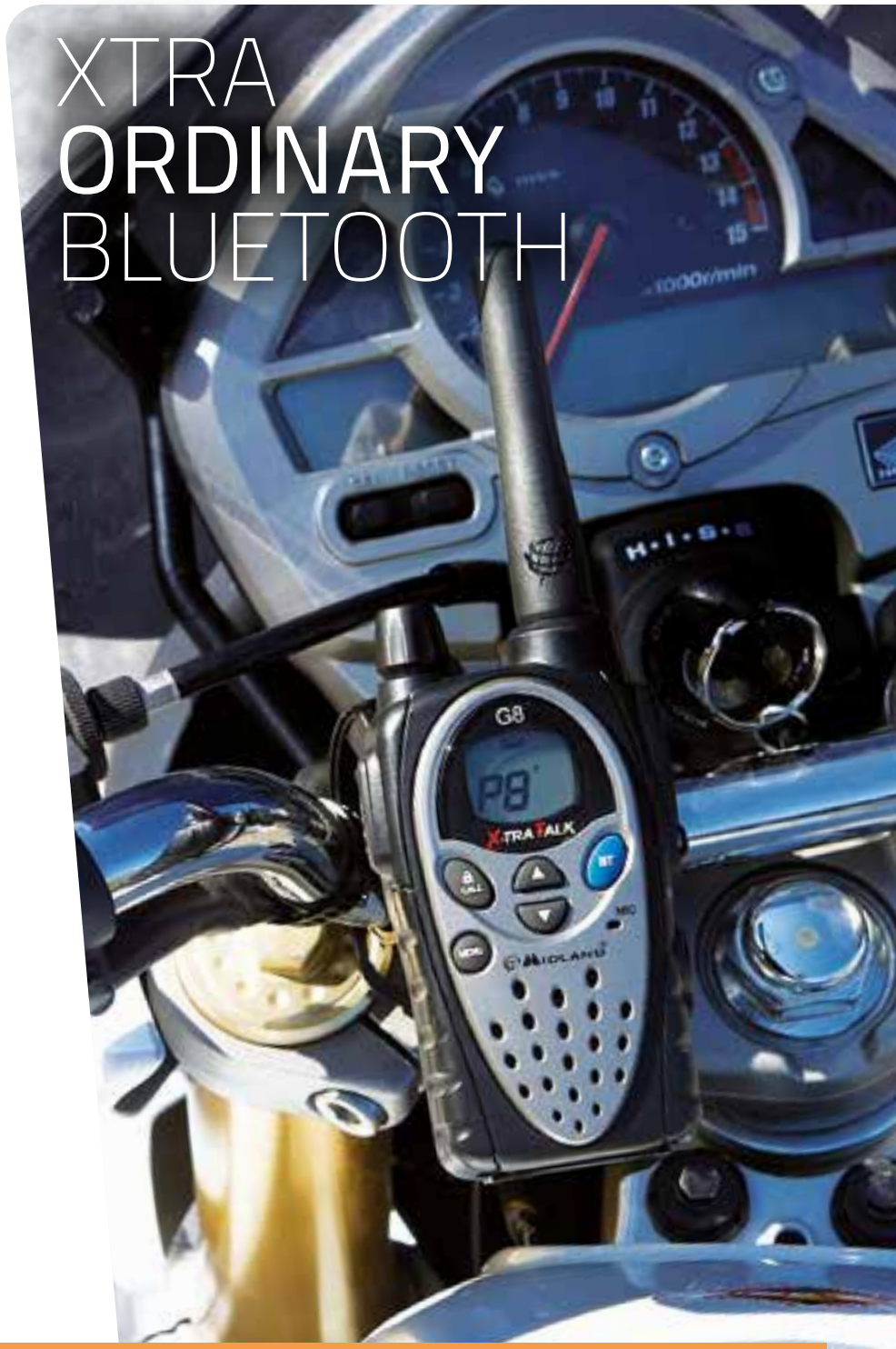
MIDLAND G7 XTR VALIBOX

In the Work & Hobby version.
Ideal for everyday professional use and for team management
The Valibox enables full optional versions to be carried in a practical, shock-resistant case.

Valibox case full optional:
pair of radios, 1 duble desktop charger with wall adapter, 2 rechargeable battery packs, 2 speak/listen microphones with VOX/PTT
code C926.11 G7 H&W (Dual Band)
code C926.12 G7E H&W (PMR446)

MIDLAND G8E-BT

XTRA ORDINARY BLUETOOTH



08 PMR446

16 PRE-PROGR

WATERPROOF IPX5

INTERCOM

CALL

DUAL WATCH

VOX TALK BACK

VIBRACALL

SCAN

BATTERY LEVEL

HI/LOW POWER

AAA BATTERY

BATTERY PACK

2 PIN

SOLID AND COMPACT, THE RADIO DESIGNED FOR THE MOTORCYCLE, WITH BUILT-IN BLUETOOTH

Perfect for those working or loving to travel by motorcycle: with the Bluetooth function, hands-free communication (Vox) can be activated or with the PTT on the handlebar

Versions: PMR446
Colour: Metal gray/Black/ Black
Channels: 8 + 16 saved
Tones: 38 CTCSS + 104 DCS
EXPORT VERSION: 2W

SPECIFICATIONS

- Built-in Bluetooth
- Waterproof: IPX5
- High/low power
- VOX adjustable to 3 different levels, for use in noisy environments (motorcycle, sites, etc.)
- Dual watch: to monitor 2 different channels at the same time
- Wired motorcycle intercom
- Vox Talkback function that allows for response at regular intervals
- Keypad lock
- Auto power save
- Low battery indicator
- CALL with 5 different melodies
- Scan, Monitor
- Power supply: 4.8V 800mAh NiMH battery pack (or 4 AAA batteries optional)
- 2-pin accessory socket
- Compatible wall charger: MW904

PACKS AND CODES

Box with single radio, desktop charger with wall adapter, PTT and wire (finger PTT) , rechargeable battery pack (800 mAh), belt clip **code C975**

MIDLAND G9

08 PMR446
69 LPD
16 PRE-PROGR
SPLASH-PROOF
EMERGENCY
HI LOW DUAL PTT
CALL
DUAL WATCH
OUT OF RANGE
VOX TALK BACK
VIBRACALL
SCAN
BATTERY LEVEL
AA BATTERY
BATTERY PACK
2 PIN

THE HIGH PERFORMANCE RADIO

Versions: Dual band PMR446/LPD
Colour: Black - Mimetic Mossy Oak®
Channels: PMR446 8 +16 saved
LPD 69
Tones: 38 CTCSS + 104 DCS
EXPORT VERSION: 5W

SPECIFICATIONS

- **Double PTT button for high/low power:** battery charging can be optimised and high power transmission only used when necessary, increasing the duration of the battery
- **Emergency function:** pressing the "Emergency" button enables communication with all radios with the same function (G8-G9), even if tuned to different channels
- **"Out of range" function:** press a button to check for other radios within range
- Dual watch: to monitor 2 different channels at the same time
- 12 cm antenna to make the most of the full radio transmission power
- High-low power selection
- Vox Talk Back function/Vox adjustable to 3 levels
- Vibracall, Keypad lock
- Scan, Auto power save
- Low battery indicator
- CALL button with 5 available tones
- Monitor button
- Roger Beep: end of call tone (can be deactivated)
- Power supply: 4 AAA batteries(or 4.8V 800mAh NiMH battery pack optional)
- 2-pin accessory socket
- Compatible wall charger: MW904

PACKS AND CODES

Box with single radio, desktop charger with wall adapter, 4 rechargeable AA batteries (1800 mAh), belt clip
code C923 Dual band version (PMR446/LPD)
code C923.01 PMR446 only version
code C923.03 Dual band Mimetic version

XTRA **ORDINARY** TOURIST RADIO

100 CHANNELS TO MANAGE SEVERAL GROUPS SIMULTANEOUSLY

Midland Onda is a portable transceiver flaunting an attractive, modern design, created specifically for managing group communication during tourist trips. Its ultra-slim, compact design makes it an extremely practical tool for use in tourist situations. Thanks to its 100 channels, it can manage several groups at the same time.

Midland Onda is equipped with an alphanumeric, backlit LCD display, with a Lithium battery pack that ensures autonomy of up to 8 hours and the ever-active "Side Tone" function for clear, clean-cut listening, with no transmission closure noise. Midland Onda is available in a pack of 50 pieces including belt clips, battery pack and neck straps.
The chargers are on sale in a practical multiple charging case for 30 transceivers.*
Recharging is easy and practical thanks to the tray system.

Midland Onda is subject to different regulation according to the country in which it is sold.

MIDLAND ONDA

100 CH SRD

LOW BATTERY INDICATOR

BATTERY PACK

1 PIN

Multiple charger case

SPECIFICATIONS

- Channels: 100 - Frequency: 472-474MHz
- 8 volume level
- Reception only for users
- Continuous transmission guaranteed to guide only, thanks to the dedicated accessory (MA28-TR)
- Auto power save: automatic battery saving
- Low battery indicator
- Backlit LCD display
- Battery life up to 8 hours with battery pack
- Weight: 58g (without batteries)
- Dimensions: 86x16x42mm
- Power supply: Li-Ion battery pack (650mA)
- 1-pin stereo accessory socket

PACKS AND CODES

Carton 50 receivers cod. C1069.01
50 receivers, waist clips, battery packs Li-Ion 3.7V 650 mAh and neck collars

Desktop charger 25pz code C921 ("777" series)
Desktop charger 25pz code C921.01 (Midland Onda)
Carton 25 double desktop chargers with relative wall adaptors

Multiple charger case code C922
Rigid black suitcase to recharge 30 receivers with wall adaptor cable

OPTIONAL ACCESSORIES

- **PB 777 C783**
  3,7V-650mAh Li-Ion battery pack
- **AL777 C803**
  Cigarette lighter power lead
- **R71968**
  Battery charger 220V
- **R71969**
  2 positions desktop charger
- **MW905 C887**
  Wall charger
- **A-777 TR C987**
  Earphone, 1 pc
- **A-777 TR C987.01**
  Earphone (100pcs)
- **S-777 TR C988.02**
  Protection sponge (500 pcs)
- **MA28-TR C559.05**
  Speak/listen microphone (PTT blocked in TX)
- **Rotating clip C1029**
  To rotate the radio when it is attached to the belt

PB777

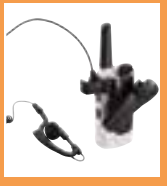
AL777

R71968

R71969

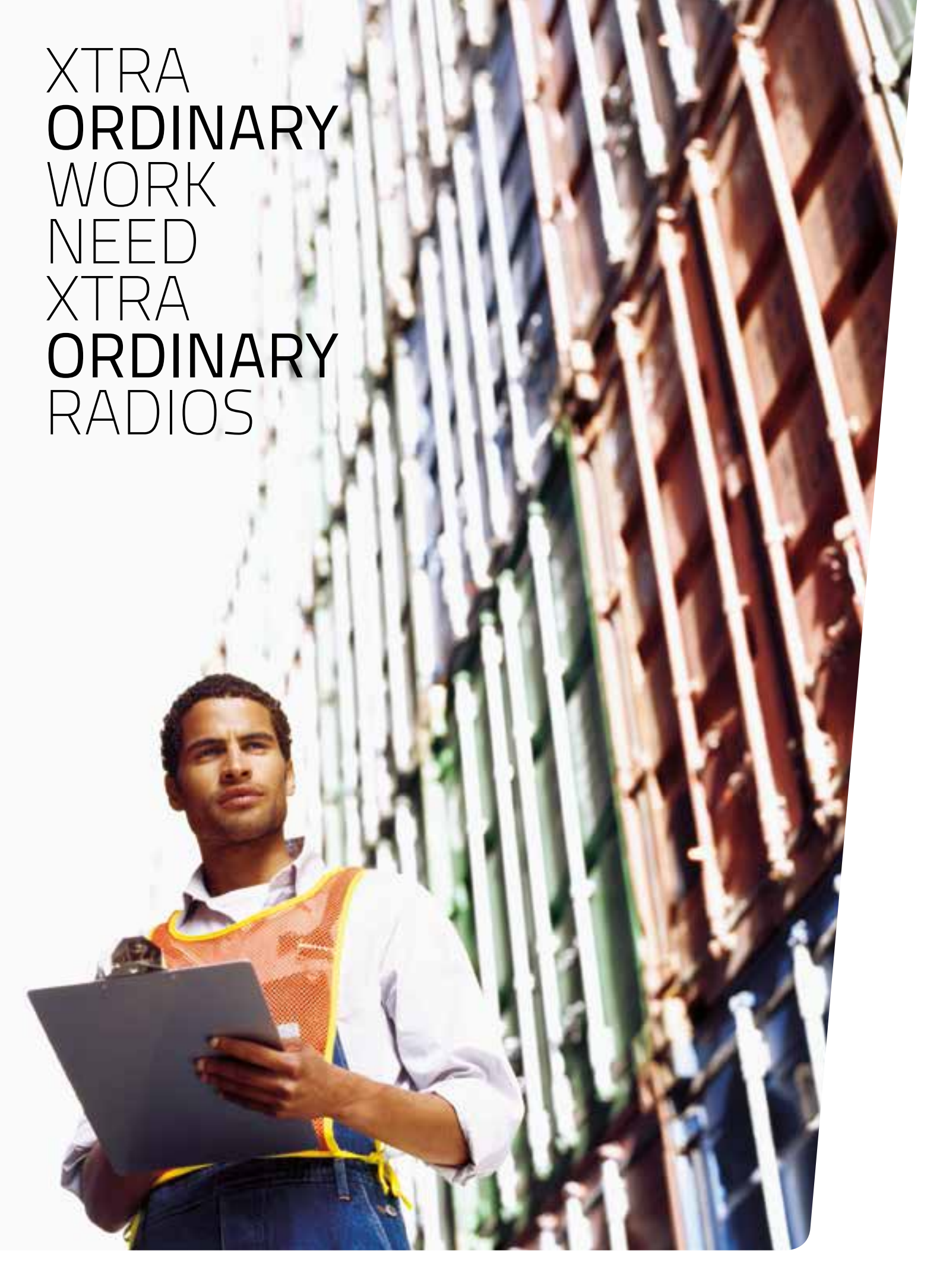
A-777 TR

MA28-TR



Rotating clip

XTRA **ORDINARY** WORK NEED XTRA **ORDINARY** RADIOS



MIDLAND G10

08 PMR446

08 PRE-PROGR

SCAN

BATTERY PACK

2 PIN KENWOOD

PROGRAMMING SOFTWARE PRG 10
code C974.01
Customisation of channels and frequencies

THE SIMPLE, USER-FRIENDLY RADIO

Essential, practical and extremely reliable, the Midland G10 is a transceiver that flaunts a compact design, whilst being ultra-simple to use. Vocal signalling of the channel selected. Programmable by means of software to manage and programme the buttons/functions. The handle positioned near the antenna enables user-friendly channel selection; the function can be activated by using the two buttons to the side.

Version: PMR446
Colour: Black
Channels: 8 + 8 pre-set sub-channels
Tones: 50 CTCSS + 105 DCS norm or inverts
EXPORT VERSION: 5W

SPECIFICATIONS

- Output power: 500mW
- Channel spacing: 12.5KHz
- Channel scanning
- Function button beeps
- Monitor
- Auto power save
- Power supply: 1200mAh Li-Ion battery pack
- 2-pin Kenwood accessory socket

PACKS AND CODES

Box with 1 radio, desktop charger, wall adapter, Li-Ion rechargeable battery pack (1200 mAh), belt clip
code C1107

MIDLAND G11S

PMR446 · PRE-PROGR · VOX · SCAN · ROGER BEEP

BUSY CHANNEL · BATTERY PACK · 2 PIN KENWOOD

COMPACT AND HARD-WEARING WITH UNPARALLELED AUDIO

Midland G11S is a hard-wearing, reliable radio, thanks to its metal chassis, with every detail perfect.
The handle positioned near the antenna enables easy, user-friendly channel selection; the function available can be activated by simply using the two buttons to the side.
It also features clear, bright audio for high quality communication.

Version: PMR446
Colour: Black
Channels: 8 + 8 pre-set sub-channels
Tones: 50 CTCSS + 105 DCS norm or inverts
EXPORT VERSION: 5W

SPECIFICATIONS

- Aluminium chassis
- Output power: 500mW
- Channel spacing: 12.5KHz
- VOX function (hands-free transmission)
- Channel scanning
- Function button beeps
- Roger beep
- Monitor
- TOT - Busy channel lock
- Auto power save
- Power supply: 1600mAh Li-Ion battery pack
- 2-pin Kenwood accessory socket

PACKS AND CODES

Box with 1 radio, desktop charger, wall adapter, rechargeable Li-Ion battery pack (1600 mAh), belt clip
code C966.03

PROGRAMMING SOFTWARE PRG 10

code C974.01
Customisation of channels and frequencies

MIDLAND G15

NEW

PMR446 · PRE-PROGR · WATERPROOF IP67 · SCAN · VOCAL INDICATIONS

VOX · ROGER BEEP · BATTERY PACK · 2 PIN MOTOROLA

THE RADIO WITH NO FEAR OF IMPACTS AND WATER, WITH VOICE INDICATION

In addition to the metal chassis, the Midland G15 is certified IP67, making it resistant to dust and immersion in water (to depths of 1 metre for 30 minutes).
Simple and user-friendly, it provides vocal signalling of the channel/function selected.

Version: PMR446
Colour: Black
Channels: 8 + 8 pre-set sub-channels
Tones: 50 CTCSS + 105 DCS norm or inverts
EXPORT VERSION: 5W

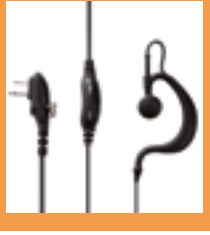
SPECIFICATIONS

- Aluminium chassis
- Certified IP67
- Output power: ≤500mW ERP
- Channel spacing: 12.5KHz
- Channel scanning
- Voice tune
- Roger Beep, Auto power save
- Monitor, Squelch, Vox
- Power supply: Li-Ion 1600mAh battery pack
- 2-pin Motorola accessory socket

PACKS AND CODES

Box with 1 radio, desktop charger, wall adapter, rechargeable Li-Ion battery pack (1600 mAh), belt clip

code C1127



MA 27-M - C1130
Microphone with L-type jack, 2 Pin Motorola

MA 25-M - C1129
Waterproof speaker microphone with L-type jack, 2 Pin Motorola

PROGRAMMING SOFTWARE PRG-G15
cod. C1131
Customisation of channels and frequencies

ALAN HP450 2A

08 PMR446
91 PRE-PROGR
WATERPROOF IP67
VOX
CALL
SCRAMBLER
SCAN
DUAL WATCH
ROGER BEEP
BATTERY LEVEL
HI/LOW POWER
BATTERY PACK
2 PIN

PMR/PMR446 RADIO FOR PROFESSIONAL USE. FOR THOSE DEMANDING THE BEST

Version: Dual band PMR/PMR446
Colour: Black
Channels: 8 PMR446/91 pre-programmed, 312 to program
Tones: 38 CTCSS+83 DCS

EXPORT VERSION: 5W

SPECIFICATIONS

- Waterproof: IP67
- MIL810, C, D, E, F
- Scrambler/Keypad lock
- Auto power save: automatic battery saving
- Low battery indicator
- Dual Watch/Vox
- CALL with 5 different melodies/SCAN
- Adjustable monitor/Out of Range
- Roger beep: end of call tone
- High/low power
- Backlit LCD display
- Power supply: 2200mAh Li-Ion battery pack
- 2-pin accessory socket

PACKS AND CODES

Semi-rigid Eva case with single radio, double desktop quick charger, wall charger, 1 2200 mAh Li-Ion battery pack, rigid polycarbonate case with clip for 180° rotation
code G1093.06

OPTIONAL ACCESSORIES

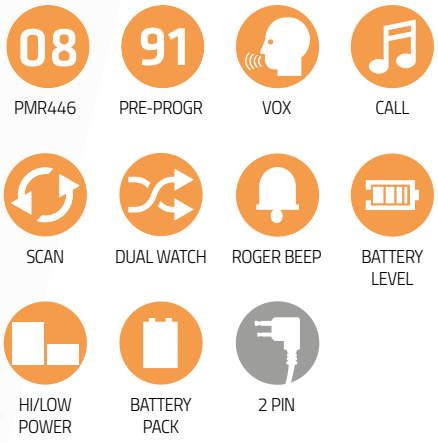
- RC45 - G1066
  Rapid desktop charger black
- BP4522 - G1068
  Rechargeable battery pack 2200 mAh Li-Ion, black
- BNC25 - G405
  Antenna connector
- Screw Driver G911
  Screwdriver for antenna connector

OTHER ACCESSORIES: FROM PAGE 31

PROGRAMMING SOFTWARE

PRG450 code G1069
Complete with USB cable for PC

ALAN HP446 EXTRÀ



HARD-WEARING AND RESISTANT. THE HEAVY DUTY OPTION PERFECT FOR THE PROFESSIONAL ENVIRONMENT

Version: PMR446
Colour: Black
Channels: PMR 446: 8 + 91 saved
Tones: 50 CTCSS+104 DCS
EXPORT VERSION: 2W

SPECIFICATIONS

- Keypad lock
- Auto power save: automatic battery saving
- Low battery indicator
- Dual Watch
- CALL/ SCAN
- Monitor/ Vox
- Roger beep: end of call tone
- Hi/low power
- Backlit LCD display
- Time Out Timer (max. conversation duration)
- Busy channel lock out: blocks transmission when the channel is busy
- Power supply: 1300mAh Ni-MH battery pack
- 2-pin accessory socket

PACKS AND CODES

Box with one radio, desktop charger, 1300 mAh Ni-MH battery pack, belt clip
code G815.07

PROGRAMMING SOFTWARE

PRG05 per HP446 Extrà code G879
Complete with USB cable for PC

TECHNICAL SPECIFICATIONS

MODEL	M24/48/99-S	MIDLAND G5 XT	MIDLAND G7XTR LINE
Band	PMR446	PMR446	PMR446-LPD (Dual band)
Channels	8+16(M24)/40(M48)/91(M99) pre-prog.	8 + 16 pre-programmed	8 PMR446/69 LPD
CTCSS e DCS	38 CTCSS	38 CTCSS	38 CTCSS/104 DCS
Vox	2 sensitivity levels	3 sensitivity levels + talk back	2 sensitivity levels
Power supply	4 batteries AAA (M24) 800mAh recharg. battery pack	3 rechargeable AAA Ni-MH batteries	800mAh battery pack or 4 rechargeable AA batteries
Battery life	Up to 12 hours	Up to 35 hours with alkaline batteries	Up to 18 hours with 800 mAh battery pack
Display	Multifunction back-lit LCD	Multifunction back-lit LCD	Multifunction back-lit LCD
Transmission power	500 mW ERP	500 mW ERP	PMR446 500/10mW ERP (high/low) LPD 10mW
Operating temperature	-20° +55°C	-20° +55°C	-20° +55°C
Weight (excluding batteries)	103 g	74 g	123 g
Dimensions (LxAxP)	60x103x25 mm	50x85x25 mm	58x122x34 mm
Connections	Socket for audio accessories, charger	Socket for audio accessories, charger	Socket for audio accessories, charger
Accessory socket type	2 pin	2 pin	2 pin
Compatible wall charger	MW904	MW904	MW904

MODEL	MIDLAND G8E-BT	MIDLAND G9	MIDLAND ONDA
Band	PMR446	PMR446-LPD (Dual band)	Radio microphone wireless 472÷474 MHz
Channels	8 PMR446+16 prog.	PMR446+16 prog./69 LPD	100
CTCSS and DCS	38 CTCSS, 104 DCS	38 CTCSS, 104 DCS	-
Vox	3 sensitivity levels + talk back	3 sensitivity levels + talk back	-
Power supply	800mAh battery pack or 4 AAA recharg. or alkaline (opt)	4 recharg. batteries AA 1800mAh or 4 alkaline AA batteries (opt)	Li-Ion 3,7V (650mAh) battery pack
Battery life	12 h with 800 mAh battery pack	23 h with 1800mAh 4 batteries	Up to 8 hours
Display	Multifunction back-lit LCD	Multifunction back-lit LCD	Multifunction back-lit LCD
Transmission power	PMR446 500/10mW ERP (high/low) LPD 10mW	PMR446 500/10mW ERP (high/low) LPD 10mW	2mW ERP
Operating temperature	-20° +55°C	-20° +55°C	-10° +45° C
Weight (excluding batteries)	114 g	114 g	58 g
Dimensions (LxAxP)	58x110x32mm	68x120x35mm	42x86x16 mm
Connections	Socket for audio accessories, charger and Intercom	Socket for audio accessories, wall charger	Socket for audio accessories, wall charger
Accessory socket type	2 pin	2 pin	1 pin – 2,5 mm stereo
Compatible wall charger	MW904	MW904	MW905

PMR446 equipment operates on frequencies of up to 446 Mhz (8 channels) and have 500mW transmission power. Dual band equipment also operate on the LPD band of up to 433 Mhz (69 channels), with 10 mW transmission power; free use of channels 1 to 20. Both the PMR446 and the Dual band are subject to a general authorisation according to current legislation. Once purchased, two simple bureaucratic procedures must be fulfilled, an annual contribution of 12 euros paid, and a notice sent by recorded delivery to the Regional Inspectorate of the Ministry for Communication.

MODEL	MIDLAND G10	MIDLAND G11S	MIDLAND G15
Band	PMR446	PMR446	PMR446
Channels	8+8 pre-programmed	8+8 pre-set sub-channels	8+8 pre-programmed
CTCSS and DCS	51 CTCSS, 83 DCS	50 CTCSS, 105 DCS	51 CTCSS, 83 DCS
Vox	-	9 sensitivity levels	9 sensitivity levels
Power supply	1200mAh Li-Ion battery pack	1600mAh Li-Ion battery pack	1600mAh Li-Ion battery pack
Battery life	16 hours	22 hours with 1600mAh battery pack	22 hours
Display	-	-	-
Transmission power	500mW ERP	500mW ERP	500mW ERP
Operating temperature	-20° +55°C	-20° +55°C	-20° +55°C
Peso (including battery)	192 g	209 g	192 g
Dimensions (LxAxP)	114x58x33 mm (excluding antenna)	112x58x34 mm	100x58x33 mm (excluding antenna)
Connections	Socket for audio accessories, charger	Socket for audio accessories, charger	Socket for audio accessories, charger
Accessory socket type	2 pin Kenwood	2 pin Kenwood	2 pin Motorola
Compatible wall charger	desktop charger only	desktop charger only	desktop charger only

MODEL	ALAN HP450 2A	ALAN HP446 EXTRÀ
Band	PMR/PMR446	PMR446
Channels	8 + 91 pre-programmed	8+91 pre-programmed
CTCSS e DCS	38 CTCSS,83 DCS	50 CTCSS, 104 DCS
Vox	2 sensitivity levels	2 sensitivity levels
Power supply	2200 mAh battery pack	1300 mAh battery pack
Battery life	29 hours with battery pack	26 hours with battery pack
Display	Multifunction back-lit LCD	Multifunction back-lit LCD
Transmission power	500 mW ERP (high/low level)	500 mW ERP (high/low level)
Operating temperature	-20° +55°C	-20° +55°C
Weight (excluding batteries)	180 gr	207 gr
Dimensions (LxAxP)	54x113x35 mm	62x133x40 mm
Connections	Socket for audio accessories	Socket for audio accessories
Accessory socket type	2 pin	2 pin
Compatible wall charger	desktop charger only	desktop charger only

SAVE PHACE TACTICAL MASKS

THE ONLY VERSIONS TESTED AND APPROVED FOR SIMUNITION, SOFT AIR, PAINTBALL AND UTM TRAINING. CUSTOMISABLE, THEY GUARANTEE AN EXTREMELY HIGH LEVEL OF PROTECTION.

ANTI-FOG LENSES

The special lenses have been designed and treated for an **anti-fog effect**, guaranteeing **perfect visibility** even in the hardest actions.
The lenses comply with and exceed ANSI and ASTM Paintball standards for impact resistance, luminosity and optical clarity.

SO MANY GRAPHICS, INCLUDING CUSTOM OPTIONS

The only mask with dedicated graphics that are very accurate and customisable with adhesives or using special brushes or airbrushing techniques (Marks Allott series).

AND...

The only model with a removable RWI that can be washed and interchanged (only applicable to certain models).
No more blisters or stones entering through the holes and striking the face, lips, teeth or nose.
Its profile enables **better visibility from the rifle**, with respect to any other model available on the market today.
Guarantees "World Class" level protection, it was voted as the world's **most comfortable mask** by the US "JUNGLE magazine".
Mask weight: only 380 g.

DOPE SERIES

SPECIFICATIONS:

- Polycarbonate thermal pane clear lens with AF/AS/UV coating
- Material: tough, durable high impact plastic; interior: standard foam (not replaceable)
- Adjustable strap with sure grip technology
- Forehead protector and visor included
- Awesome custom SP exclusive graphic design

Voodoo Magic
C1058.05

Diablo
C1058.06

Ghost Stalker
C1058.07

OU812 SERIES

SPECIFICATIONS:

- Material: specially formulated high impact plastic; interior: plush replaceable, washable and interchangeable foam.
- Adjustable strap with sure grip technology
- Visor and cloth stuff sack included

Flesh Phace
C1058.09

Carnage
C1058.10

Lazarus
C1058.11

DISS SERIES

SPECIFICATIONS:

- Polycarbonate thermal pane clear lens with AF/AS/UV coating
- Material: high impact special formulated plastic; interior: "plush" foam (not replaceable)
- Adjustable strap with sure grip technology
- Forehead protector and visor included

Jungle Justice
C1058

OSC
C1058.01

Intimidator
C1058.02

Phantom
C1058.03

Scar Phace
C1058.04

SO PHAT SERIES

SPECIFICATIONS:

- Polycarbonate lens with AF/AS/UV coating
- Material: specially formulated high impact plastic; interior: soft plush replaceable, washable and
- interchangeable foam
- Adjustable strap with sure grip technology
- Included: visor, forehead protector, cloth stuff sack, 1 clear lens and 1 additional replacement
- Colored lens

War Lord
C1058.15

Boo
C1058.17

Digi
C1058.18

MARKS A LOT SERIES

SPECIFICATIONS:

- PC single pane clear lens with AF/AS/UV coating
- Material: high impact plastic; interior: sweat absorbent, replaceable, washable and
- Interchangeable foam
- Comes in one color-bone; can be air brushed or painted
- Forehead protector and nice stuff bag included

Sharpie
C1058.13

Assassin
C1058.14

OPTIONAL/REPLACEABLE ACCESSORIES

Clear thermal lens **C1059**

Dark smoked thermal lens **C1059.01**

Yellow thermal lens **C1059.02**

Mirrored smoked lens **C1059.03**

Mirrored yellow lens **C1059.04**

RWI (Replaceable/Washable/ Interchangeable) foam **C1060**
Spare elastic **C1073**

ACTION LINE

EARPIECE ACCESSORIES DEVOTED TO SOFTGUNNERS

Action Line accessories stand out for their hard-wearing design, technical specifications, practicality and quality of materials. The Action Line is not compatible with Vox functions

BOW M-TACTICAL **C1046**

BOW M-TACTICAL K **C1046.01**

Microphone with adjustable arm and tactical PTT
Pneumatic earpiece to listen without being heard

ABM TACTICAL **C855.01**

Earpiece microphone with adjustable arm and tactical PTT

ABM **C856**

Earpiece microphone with adjustable arm and standard PTT

A21M **C858**

Earpiece microphone with standard PTT

EP21 **C859**

Earpiece 3,5mm jack socket (not compatible with Midland 777). Listening only G7/G9 ecc.

PTT+Clip Midland for BOW-M **C1088**

PMR446/DUAL BAND ACCESSORIES

MICROPHONES

MA 21-L **C709.03**

MA 21-SX **C709.02**

MA 21-LK **C709.04**

Microphone with adjustable earpiece and PTT, with curly cord

MA 26 - L **C515.01**

MA26 - LK **C515.04**

Speaker microphone with volume control and earpiece socket

MA 21-K **C843**

Microphone with adjustable earpiece and PTT

MA 28 - L **C559.03**

MA28-G5 **C559.01**

Speak/listen microphone
NB: MA28-G5 except Alan421-G5XT

MA22-K **C844**

Handheld speaker microphone with PTT

MA 30 - L **C648.03**

Microphone with adjustable arm

MA 24-L **C517.02**

Speak/listen microphone with VOX/PTT

AE30 **C851**

Microphone with arm

MA31 **C732**

MA31SX **C732.02**
(except Alan421)

Microphone with pneumatic earpiece

MA31 - L **C732.03**

MA31-LK **C732.04**

Microphone with pneumatic earpiece

MA 35 - L **C652.02**

Headphone with microphone

AE38 **C823**

Throat microphone with earphone, PTT and finger PTT

MA-NC1 **C983**

Neck Collar with earpiece and PTT

MA-NC2 **C983.01**

Neck Collar with earpiece and PTT

BLUETOOTH

MIDLAND BT SPORT
C850.01 Medium

Bluetooth® throat microphone with earpiece

This exploits the principle of the vibration of the larynx for clear, clean communication even in the most extreme conditions.
Suitable for use in particular conditions such as sports or recreational activities (bicycle, motorcycle, excursions).
Can be used both as a telephone responder and combined with a transceiver with built-in Bluetooth® or with any transceiver equipped with the Bluetooth BPA200 accessory.

BPA 200 **C900**

Bluetooth adapter with 230V wall charger, 2-pin adapter

Connected to a transceiver with a 2-pin socket, it add the Bluetooth® function, enabling the use of wireless accessories, compatible with Bluetooth standard (such as, for example, earpieces for mobile telephones, Bluetooth motorcycle intercoms such as BTCity, etc.).

Specifications: Bluetooth Standard 2.0 (mono audio)
Max. communication distance: approx. 10 m
Waterproof PTT button
360 mAh Li-Ion rechargeable battery
Battery duration during
Conversation: approx. 10 hours
Battery duration on stand-by: approx. 1 week
Cable length: 1.5 m (not pulled out)

MOTORBIKE

MA46 **C660**

Motorcycle rider kit
Audio kit with microphone compatible with 2-pin radios (except Alan 42 Multi).
MA46 is a speaker microphone kit that can be self installed into your helmet and then plugged into a transceiver to give you bike to bike communication. It comes wih a remote Press to Talk button which can be fitted to the handlebars using the velcro strip provided allowing the rider to transmit via the radio unit. If you wish an intercom facility with your pillion then you can use the Midland G8 with the BHS 300 adaptor together with a CHS300 or OHS500 headset. NB Rider to Pillion intercom is always in full duplex mode whilst Bike to Bike comms are simplex via the PTT button. (see page 88).

EMERGENCY CHARGER

EMERGENCY CHARGER **C920**

The Midland Emergency Charger is a portable charger for any electrical equipment fitted with a mini-USB socket and, thanks to the adapter cables supplied in the pack, also fits a great many different mobile telephone models.
Simply insert an AA battery into the charger and connect the mini-USB lead to the devices to be recharged! Its compact design and the various different leads enable the user to carry it with him at all times for use on any occasion. For maximum performance, we recommend using a lithium battery, although it also works with alkaline
AA battery.
The pack contains:
a portable Midland Emergency Charger, 4 charging cables (extra-long USB lead, mini version Nokia charging lead, standard Nokia charging lead, Motorola charging lead).

CAR AND MOTORCYCLE MOUNTS

TWO WAY RADIO CAR KIT **C982**

Car kit for handheld transceivers
Pack contains: handheld microphone, dashboard microphone holder, car charger, adapter for the simultaneous use of the microphone and charger, belt clip with screw mount, suction pad mount for cars
Compatible with: Midland G7 line, G8 and G9 (2-pin connector)

KIT 161

Kit for fastening to motorcycle handlebar
Compatible with: Midland G7 line, G8 and G9

ANTENNAS

G7 FLEX **C646.01**

Antenna with adapter
Length: 35 cm
For Midland G7 line, G8, G9, G14, G11, G15

R72770

Short antenna.
Length: 9 cm
For Midland G11, G14, G15

R73197

Long antenna.
Length: 16 cm
For Midland G11, G14, G15

CASE

CC ATL /G7 WP **C826.01**

Waterproof case
For Midland G8, G7 line, G6
NB: pack of 10 pieces - **C826**

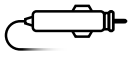
CHARGERS

		R71969	Desktop Charger 2 positions	For Midland 777 and Onda
	CA-ATL/G7	**C785**	Dual desktop charger	For Midland G7 line
	CA-CT200/400	**C849**	Quick desktop charger	For Midland G14
	RC05	**C663.02**	Quick desktop charger	For Alan HP446 extrà
	R45	**G1066**	Quick desktop charger	For Alan HP450 2A
	MW905	**C887**	Wall charger	For Midland/Alan777, Onda, Midland G12, G5 R1
	MW904	**C689**	Wall charger	For Midland G9, G7XT, G6XT, G5XT, G8,

BATTERIES

	PB-G15	**C1128**	1600mAh Li-Ion rechargeable battery	For Midland G15
	PB G6/G8	**C881**	800mAh Ni-MH rechargeable battery	For Midland G8, G6, M24/48/99-S
	PB-ATL/G7	**C784**	800mAh Ni-MH rechargeable battery	For Midland G7 line, G9
	PB-G11	**C967**	1600mAh Li-Ion rechargeable battery	For Midland G11
	PB-777	**C783**	3,7V - 650mAh Li-Ion rechargeable battery	For Midland/Alan 777 e Onda
	BP 0518	**G811.03**	1800mAh Ni-MH rechargeable battery	For Alan HP446 Extrà
	BP 4522	**G1068**	2200mAh Li-Ion rechargeable battery	For HP450 2A

ADAPTERS, CIGARETTE LIGHTERS

	AL-DTC	**C981**	12V adaptor kit for desktop chargers	For Midland G7 line, G8, G9, G11, G14
	AL777	**C803**	Cigarette lighter power lead	For Midland/Alan777 lines, Midland G5, G12
	ALG7	**C814**	Cigarette lighter power lead	For Midland G9 line, G8, G7, G6, G5XT

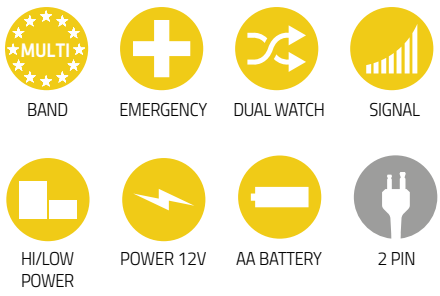
ADAPTERS

		C651	To ensure the compatibility of all equipment with 1-pin - 3,5mm stereo equipment with 2-pin accessories	For Alan 507
		C829	To ensure the compatibility of all equipment with 1-pin - 2,5mm stereo equipment with 2-pin accessories	For Midland G5/777
		C827	Adapter to recharge battery pack only (without radio)	For Midland G7 line, G9
		C828	Adapter to recharge battery pack only (without radio)	For Midland G12

MOBILES &PORTABLES CB

The CB ("Citizens Band") has been created to allow anyone (not a member of the army and/or armed forces, police, etc., who have reserved bands on which to transmit) to communicate via radio.
In Italy, this frequency band ranges between 26,965 and 27,405 Mhz, and is divided up into 40 different channels. Transmissions, which are personal in terms of subject matter but open to all those listening to the same frequencies, take place by means of "low power" appliances (by law, no more than 4W). For personal and amateur use, they are flanked by other "professional" type purposes.

ALAN 42 MULTI



THE HIGH PERFORMANCE COMPACT CB TRANSCEIVER

SPECIFICATIONS

- Band: Multi (See below)
- Power: 1W/4W depending on the country
- Emergency channel (EMG)
- Keypad lock (LOCK)
- Battery state indicator
- High-lower power (H-L)
- Display back-lighting button
- AM-FM command selection
- SCAN function, Dualwatch
- Antenna socket: BNC
- Powered by 8 AA batteries or 12V
- 2-pin accessory socket
- **EXPORT VERSION: 40CH**

PACKS AND CODES

1 radio, wall charger for 8 style battery pack, empty battery pack for 6 styles type alkaline AA, empty battery pack for 8 type AA styles for rechargeable batteries with charging socket, adapter for car use with external SO 239 antenna socket, scratch-resistant case, antenna, belt clip, wrist strap
code C480.13

OPTIONAL ACCESSORIES

PB E42 - **C602**
Empty battery pack to charge 8 type AA styles (not included)

Ant 42 - **C611**
Antenna
CB Flex B- **C394**
Flex antenna 53 cm

R17363
Car adapter
with socket for external antenna SO239

R17365
Wall adapter

Alan 42 is compatible with all 2-pin accessories from the PMR446/Dual band section (except MA46) page 30-34

ALAN 109

AM BAND | EMERGENCY | POWER 12V | 4 PIN

40 CHANNELS
(ONLY FOR POLISH MARKET)

Alan 109 is a compact vehicle CB that works in AM mode. Simple and easy to use, the Alan 109 enables the immediate selection of the Emergency channel 19. The CB/PA control, in PA position, lets the equipment change into a low frequency amplifier (with a supplementary speaker).

SPECIFICATIONS

- Band: AM (Polish frequencies)
- Display with channel display
- CB/PA control
- S-Meter indicator
- Squelch
- Emergency channel 19
- External speaker socket
- 4-pin microphone connector

PACKS AND CODES

1 radio, microphone, mounting bracket, fixing screws
code C873

ALAN 102

AM FM BAND | EMERGENCY | POWER 12V | 4 PIN

40 CHANNELS
(ONLY FOR POLISH MARKET)

Alan 102 is a compact device easy to use with essential functions. The practical, separate volume and squelch commands help obtain optimal reception, whilst the condenser microphone supplied guarantees excellent audio. The 9-CH-19 knob allows the immediate selection of the emergency channels 9-19.

SPECIFICATIONS

- Band: AM-FM (Polish frequencies)
- Display with channel display
- Up/Down buttons
- Squelch
- Emergency channel 9-19
- Transmission and reception Led
- External speaker socket
- 4-pin microphone connector

PACKS AND CODES

1 radio, microphone, mounting bracket, fixing screws
code C861

ALAN 199

AM BAND | 40 CHANNELS | EMERGENCY | POWER 12V | 4 PIN

THE 40-CHANNEL AM CB, SIMPLE AND PRACTICAL

Alan 199 is a compact vehicle CB that works in AM mode. Simple and easy to use, the Alan 199 enables the selection of output power and can therefore be used in all European countries permitting AM regulations.

SPECIFICATIONS

- Band: AM
- Display with channel display
- Up/down buttons
- Squelch
- Emergency channel 9-19
- External speaker socket
- 4-pin microphone connector

PACKS AND CODES

1 radio, microphone, mounting bracket, fixing screws
code C702.02

ALAN 100 PLUS B

AM FM BAND | 40 CHANNELS | EMERGENCY | POWER 12V | 4 PIN

THE MOST POPULAR 40-CHANNEL AM-FM CB

Alan 100 Plus B is a compact device with essential functions and that is very simple to use. The practical, separate volume and squelch commands help obtain optimal reception, whilst the condenser microphone supplied guarantees excellent audio.

SPECIFICATIONS

- Band: AM-FM
- Emergency channel 9-19
- Display channels
- Up/down buttons
- Squelch
- Transmission and reception led
- External speaker socket
- 4-pin microphone connector

PACKS AND CODES

1 radio, microphone, mounting bracket, fixing screws
code C442.09

MIDLAND 203 PLUS

BAND · EMERGENCY · POWER 12V · 4 PIN

THE SMALLEST MULTI-BAND

Midland 203 is a compact multi-band CB with essential functions and that is very simple to use.

SPECIFICATIONS

- Band: Multi (the following bands only: I-EU-PL-D4-UK-EC-I2 see p. 41)
- Channel display: shows the channel number used
- AM/FM switch
- Squelch
- Channel 9-19 switch: enables immediate positioning on emergency channels 9 or 19
- Compact microphone
- External speaker socket
- 4-pin microphone connector
- **EXPORT VERSION: 120CH**

PACKS AND CODES

1 radio, microphone, fixing screws, mounting bracket and power lead
code C972.01

MIDLAND 210 DS

BAND · DIGITAL SQUELCH · EMERGENCY · POWER 12V · 4 PIN

THE LATEST CREATION WITH DIGITAL SQUELCH

Midland 210 DS is a compact latest generation multi-band CB that is extremely simple to use. Thanks to the innovative "Digital Squelch" function, the squelch is regulated automatically, with no need to adjust the handles.

SPECIFICATIONS

- Band: Multi (see p. 41)
- 3-digit display
- AM/FM switch
- Digital Automatic squelch
- Emergency channel 9-19
- Compact microphone
- External speaker socket
- 4-pin microphone connector
- **EXPORT VERSION: 10W AM/FM - 400CH**

PACKS AND CODES

1 radio, microphone, mounting bracket, fixing screws, cigarette lighter power lead
code C1070

ALAN 78 PLUS MULTI B

BAND · SIGNAL · EMERGENCY · POWER 12V · 6 PIN

THE COMPACT, EFFICIENT MULTI-BAND

Alan 78 Plus Multi B is a multi-band CB that stands out for its compact dimensions and ease of use.
Any European CB band can be selected, enabling it to be used in all European Community countries.

SPECIFICATIONS

- Band: Multi (see p. 41)
- Power: 1W/4W depending on the country
- Blue back-lit multifunction display
- "Precision series" microphone with Up/ Down/Lock buttons
- Squelch
- External speaker socket
- SCAN function
- 6-pin microphone connector
- **EXPORT VERSION: 400CH**

PACKS AND CODES

1 radio, microphone, mounting bracket, fixing screws
code C423.15

ALAN 48 PLUS MULTI B

BAND · SIGNAL · EMERGENCY · MEMORY · POWER 12V · 6 PIN

THE PRACTICAL AND FUNCTIONAL MULTI-BAND

SPECIFICATIONS

- Band: Multi (see p. 41)
- Power: 1W/4W depending on the country
- Blue back-lit multifunction display
- "Precision series" microphone with Up/ Down/Lock buttons
- Squelch
- RF Gain: sensitivity control in RX
- MIC Gain: microphone amplification
- 4 memory positions
- Emergency channel
- SCAN function
- Dual watch
- External speaker socket
- 6-pin microphone connector
- **EXPORT VERSION: 400CH**

PACKS AND CODES

1 radio, microphone, mounting bracket, fixing screws
code C422.15

MIDLAND 248XL

BAND · NOISE BLANKER · ESP 2 · EMERGENCY · S-METER

DUAL WATCH · MEMORY · POWER 12V · 6 PIN

THE MULTI-BAND WITH MAXIMUM FUNCTIONS

SPECIFICATIONS

- Band: Multi (see p. 41)
- ESP2 filter for noise reduction
- Noise Blanker System
- Blue back-lit multifunction display
- Lit buttons
- 5 memory positions
- RF Gain: sensitivity control in RX
- MIC Gain: microphone amplification
- Quick channel selection: Quick Up/Down
- Scan - Dual Watch - Squelch
- Emergency channel
- Compact microphone "Precision Series" with Up/Down/Lock buttons
- External S. Meter socket
- 6-pin microphone connector
- 12V power supply
- **EXPORT VERSION: 10W AM/FM - 400CH**

PACKS AND CODES

1 radio, microphone, fixing screws, mounting bracket and power lead
code C892

TABLE OF CHANNELS/POWER/BAND FOR MULTI EQUIPMENT

Code	Country	Frequencies
I	Italy 40 CH AM / FM 4 Watt	26.965-27.405
I2	Italy 34 CH AM / FM 4 Watt	26.875-27.265
D3	Germany 80 CH FM 4 Watt / 40 CH AM 1 Watt	26.565-27.405
D4	Germany 80 CH FM 4 Watt / 40 CH AM 4 Watt	26.565-27.405
EU	Europe 40 CH FM 4 Watt / 40 CH AM 1 Watt	26.965-27.405
EC	CEPT 40 CH FM 4 Watt	26.965-27.405
E	Spain 40 CH AM/FM 4 Watt	26.965-27.405
F	France 40 CH FM 4 Watt / 40 CH AM 4 Watt	26.965-27.405
PL	Poland 40 CH AM/FM 4 Watt	26.960-27.400
UK	England 40 CH FM 4 Watt + EC (40 CH FM 4Watt CEPT)	27.60125-27.99125 + 26.965-27.405
UKE	England 40 CH FM 4 Watt (only Alan 121 and Midland 220)	27.60125-27.99125
UKC	40 CH FM 4 Watt CEPT (only Alan 121 and Midland 220)	26.975-27.405
Code	Export Version	Frequencies
RU	Russia 400 CH AM/FM 4 Watt	25.615-30.105
PX	Poland 400 CH AM/FM 4 Watt Polish frequencies	25.610-30.100
SW	Sweden 24 CH FM 4 Watt 31 MHz	30.930-31.570

TECHNICAL SPECIFICATIONS

MODEL	ALAN 42 MULTI	ALAN 102	ALAN 109
Type	Portable multi-band CB	Vehicle AM-FM CB	Vehicle AM CB
GENERAL			
Channels/Bands	see multi equipment table*	40 AM -40 FM	40 AM
Frequency range	26.565 MHz - 27.99125 MHz	26.960 - 27.400 MHz	26.960 - 27.400 MHz
Power supply voltage	12,6 Vcc ± 10%	12.6 V DC ± 10%	12,6 Vcc ± 10%
Dimensions (WxHxD)/weight	70 x 140 x 30 mm/220 g (- batt)	190 x 38 x 124 mm/0,85Kg	122 x 38 x 165 mm/1Kg
Mic. connector	2-pin	4-pin	4-pin
RECEIVER			
Sensitivity for 20dB SINAD	1,0µV (AM), 0,55µV (FM)	0,5÷1µV	0,5÷1µV
Audio output power	0.5W@8 Ω	> 2W@8 Ω	3W@8 Ω
Audio distortion	3%@1KHz	3%@1KHz	8%@1KHz
TRANSMITTER			
Output power	1W/4W AM-FM	4W AM-FM	4W AM-FM
Modulation	AM 90% ±5% / FM 2KHz	AM 90% ±5% / FM 2KHz	AM 90% ±5%
Max. current absorbed	900mA	< 1500mA	< 2000mA

MODEL	ALAN 199	ALAN 100 PLUS B	MIDLAND 203 PLUS
Type	Vehicle AM CB	Vehicle AM-FM CB	Vehicle multi-band CB
GENERAL			
Channels/Bands	40 AM	40 AM -40 FM	see multi equipment table*
Frequency range	26.965 - 27.405 MHz	26.965 - 27.405 MHz	26.565-27.99125 MHz
Power supply voltage	12,6 Vcc ± 10%	12,6 Vcc ± 10%	12,6 Vcc ± 10%
Dimensions (WxHxD)/weight	124 x 38 x 190 mm/1,2 Kg	124 x 38 x 190 mm/1,2 Kg	124x38x190 mm/1.2 Kg
Mic. connector	4-pin	4-pin	4-pin
RECEIVER			
Sensitivity for 20dB SINAD	< 1,0µV	< 1,0µV	< 1.0 µV
Audio output power	> 2W max	> 2W max	4 W max
Audio distortion	< 8% @ 1KHz	< 8% @ 1KHz	< 8% @ 1KHz
TRANSMITTER			
Output power	1W/4W AM	4W AM-FM	1W/4W AM-FM
Modulation	AM: 90%	AM: 90%, FM: 2KHz	FM: 1,8 KHz ± 0,2 KHz - AM: 90%
Max. current absorbed	1100mA	1100mA	1100mA

MODEL	MIDLAND 210 DS	ALAN 78 PLUS MULTI B
Type	Vehicle multi-band CB	Vehicle multi-band CB
GENERAL		
Channels/Bands	see multi equipment table*	see multi equipment table*
Frequency range	26.565 - 27.99125 MHz	26.565 - 27.99125 MHz
Power supply voltage	12,6 Vcc ± 10%	12,6 Vcc ± 10%
Dimensions (WxHxD)/weight	124 x 38 x 190 mm/1.2 Kg	180 x 35 x 140 mm/0,850 Kg
Mic. connector	4-pin	6 pin
RECEIVER		
Sensitivity for 20dB SINAD	0.5 µV ÷ 1µV	0.5 µV ÷ 1µV
Audio output power	4 W max	> 2W @ 8 Ohm
Audio distortion	< 8% @ 1 Khz	< 8% @ 1 Khz
TRANSMITTER		
Output power	1W/4W AM-FM	1W/4W AM-FM
Modulation	AM: 90% FM: 1.8 KHz +/- 0.2 KHz	AM: 90% FM: 1.8 KHz +/- 0.2 KHz
Max. current absorbed	1800mA	1100mA

MODEL	ALAN 48 PLUS MULTI B	MIDLAND 248 XL
Type	Vehicle multi-band CB	Vehicle multi-band CB
GENERAL		
Channels/Bands	see multi equipment table*	see multi equipment table*
Frequency range	26.565 - 27.99125 MHz	26.565-27.99125 MHz
Power supply voltage	12,6 Vcc ± 10%	12,6 Vcc ± 10%
Dimensions (WxHxD)/weight	180 x 50 x 150 mm/1 Kg	150x45x175 mm/1 Kg
Mic. connector	6 pin	6 pin
RECEIVER		
Sensitivity for 20dB SINAD	0,5÷1 µV	0,5 µV (AM/FM)
Audio output power	> 3W @ 8 Ohm	> 3W@ 8 Ohm
Audio distortion	< 8% @ 1KHz	< 8% @ 1KHz
TRANSMITTER		
Output power	1W/4W AM-FM	1W/4W AM-FM
Modulation	FM: 1.8 KHz +/- 0.2 KHz AM: 90%	FM: 1,8 KHz ± 0,2 KHz - AM: 90%
Max. current absorbed	1100mA	2500mA

* Table of channels/power/band for Multi equipment, see page 41

ACCESSORIES
CB

MICROPHONES

MIDLAND F48 **C1022**

Microphone with echo.
4-pin connector for Alan 48, Alan 68S, Midland 8001 XT

MIKE MIDLAND **T059**

Original microphone Alan 48, Alan 68S, 8001XT, 4-pin connector

MIDLAND F100 **C1021**

Microphone with echo.
4-pin connector for Alan 100 Plus B, Midland 200, Midland 203

MIKE MULTI **C714**

"Precision series" microphone with Up/down buttons, Lock button, 6-pin connector for series Plus Multi, Excel, Midland 248, 248 XL, 278, Alan 121 and Midland 220 (no channel change).

MIDLAND F MULTI **C1023**

Microphone with echo.
6-pin connector for Multi Standard CB radio

MIKE SE (SPECIAL EDITION) **C870**

"Old style" microphone with metal mesh.
4-pin connector for Alan 48, Alan 68S

MR120 **C404.01**

Electret microphone with up/down buttons
6-pin connector for series Plus Multi, Excel, Midland 248, 248 XL, 278, Alan 121 and Midland 220 (no channel change)

MIKE SE (SPECIAL EDITION) **C870.01**

"Old style" microphone with metal mesh.
6-pin connector for serie Plus Multi, Excel, Alan 121 e Midland 220, 248, 248 XL, 278

MDL4190 **C074**

Original microphone. Impedance 500 Ohm, 4-pin connector for Alan 48, Alan 68S, 8001XT

C1094 (EX R17332)

Original microphone. 5-pin connector for Alan 100 Plus, Alan 100 Plus Euro and Alan 199-A

R51504

Original microphone. 4-pin connector, For Alan 100 Plus B, Midland 203, Alan 199

MICROPHONE-HOLDER - BRACKETS

PM3 **T431**

Microphone-holder with screw fastening and bi-adhesive

SA 48 **T769**

Complete with 1 bracket, 2 slides, 2 handles, 2 screws for Alan 48, 68S

PMF **T570**

Microphone-holder with screw fastening and bi-adhesive, fluorescent

SPM-48 DIN **C791**

DIN bracket for Alan 48 Plus Multi B/Excel Multi, Midland248/248XL

T060

3-pole lead with fuse-holder. Length: 160 cm

SPM-78 DIN **C792**

DIN bracket for Alan 78 Plus Multi B, Midland 278

SU 29 **T452**

Practical sliding mount for the removal of your transceivers.
Compatible with all vehicle CBs

SPM-100 DIN **C807**

DIN bracket for Alan 100 Plus,100 Plus Euro, Alan 100 Plus B, 199-A, Midland 203

SPEAKERS

AU 25 **T681**

AU 20 **T775**

EH 800 **P348**

ALSO SUITABLE FOR OUTDOOR USE

MIDLAND 70-2355T **C733**

ALSO SUITABLE FOR OUTDOOR USE

AU 30 **T682**

SPECIFICATIONS	AU 25	AU 20	EH 800	MIDLAND 70-2355T	AU 30
Impedance	8 Ohm	8 Ohm	8 Ohm	3.2 Ohm	8 Ohm
Rated power	3 W	2 W	-	2 W	7 W
Maximum power	5 W	5 W	10 W	20W	12 W
Size in mm	100x60x60	65x55x65	90x85x110	123x123x62	110x140x60

BROAD BAND SWR METER WATTMETER

KW 520 **C530**

Suitable for checking transmitter power and antenna adaptation, with two separate measuring lines, one from 1.8 to 200 MHz and the other from 140 to 525 MHz.
This enables the simultaneous connection of 2 systems: one in HF/VHF and the other in VHF/UHF and select which to use to take the measurements with the specific switch. The measurement line selected is seen by the specific LED. With the possibility of measuring peak or medium value - Fine calibration of the index - Base scale duplicator button of power from 200 to 400 W

RF power	5W - 20W - 200W - 400W
R.O.S.	1.1 / ∞
Impedance	52 Ohm
Frequency range	1.8 200 MHz - 140 - 525 MHz
Precision	ROS - PWR 5%
Size in mm	155x100x60
Weight	730 g
Connector	SO239

HP POWER AMPLIFIER AM-FM-SSB-CW (FOR AMATEUR USE ONLY)

HF747 **C882**

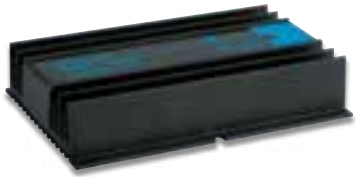
HF power amplifier AM-FM-SSB-CW

Frequency	HF
Power supply	12-14 Vcc
Current absorbed	8/10 A
Input power	0,5/10 W
Output power	100 W max
Mode	AM-FM-SSB-CW
Fuse	2 x 12 A
Size/Weight	109 x 210 x 35 mm/ 605 g

VOLTAGE REDUCERS

RDT 11/S **C786**
Switching technology
AUTOMOTIVE approval no.: 10R-026170

RDT 10/A **C589**
AUTOMOTIVE approval no.: e3 02 1049



RDT 16/S **C787**
Switching technology
AUTOMOTIVE approval no.: 10R-026171

RDT 14/A **C531**
AUTOMOTIVE approval no.: e3 02 1050

RDT 20/S **C788**
Switching technology
AUTOMOTIVE approval no.: 10R-026172

RDT 30/R **T674**
AUTOMOTIVE approval no.: e3 02 1051

SPECIFICATIONS	RDT 11/S	RDT 16/S	RDT 20/S	RDT 10/A	RDT 14/A	RDT 30/R
Switching technology	Yes	Yes	Yes	No	No	No
Input voltage	20-30 Vcc	20-30 Vcc	20-30 Vcc	24-28 Vcc	24-28 Vcc	24-28 Vcc
Output voltage	13,5 +/- 0,5Vcc	13,5 +/- 0,5Vcc	13,5 +/- 0,5Vcc	13,8 Vcc	13,8 Vcc	13,8 Vcc
Dimensions (HxWxD)	35x75x160	35x105x170	40x115x200	64x120x112	64x120x112	40x102x300
Weight	387 g	554 g	782 g	670 g	580 g	1200 g
Output specifications						
Continuous	8 A	12 A	18 A	6 A	6 A	10 A
6'/3'	-	-	-	10 A/-	8 A/-	15 A/20 A
Max peak	10 A/15 min	16 A/ 15 min	20 A/15 min	10 A	10 A	30 A

SWITCHING POWER SUPPLIES

The new power supplies protected from short-circuit that can be used for radio applications and in electronics laboratories.

K45S **C1024**

K75S **C1025**

K105S **C1026**

SPECIFICATIONS	K45S	K75S	K105S
Input voltage	230Vca-50Hz	230Vca-50Hz	230Vca-50Hz
Output voltage	13,8Vcc	13,8Vcc	13,8Vcc
Rated output current	3A	7A	10A
Peak current	5A	9A	12A
Size in mm	75 x 111 x 177	102 x 150 x 223	102 x 152 x 223
Weight	0,900 Kg	1,400 Kg	1,500 Kg

VHF/UHF AMATEUR & PROFESSIONAL

Amateur radio activity is particularly important in the event of a natural disaster and civil guard intervention. To use amateur radio appliances in Italy, an examination must be passed and an annual fee of 5 euros paid.

MIDLAND
CT 210/CT410

VOX
BATTERY LEVEL
EMERGENCY
SCAN
TOT
BUSY CHANNEL
HI/LOW POWER
SCRAMBLER
3 COLORS DISPLAY
BATTERY PACK
2 PIN KENWOOD

AMATEUR EQUIPMENT IN VHF E UHF

CT210
Version: VHF
Colour: Black with blue insert
Frequency: 144-146MHz (Export 136-174MHz)
Output power: 4W VHF

CT410
Version: UHF
Colour: Black with red insert
Frequency: 430-440MHz (Export 400-470MHz)
Output power: 4W VHF

SPECIFICATIONS

- 50 CTCSS tones/105 DCS codes
- 128 channels to store
- Channel spacing: 25KHz/12.5KHz
- 1750 Hz tone for repeaters
- SOS emergency function
- Shift repeater
- Vox and Scan function
- Back-lit display with 3 colours
- Optional viewing on display of channel number, channel number + frequency or only frequency
- TOT (Time out timer) function
- Busy channel lockout (BCLO) function
- Squelch adjustable to 9 levels
- Keypad lock
- Hi/Low power selection
- Frequency setting and keypad channels
- Voice indication of the function selected VOICE
- Inverted frequency function
- Frequency step: 5/6.25/10/12.5/25 kHz
- Frequency offset: 0-69.950 MHz
- Function/channel reset
- Scrambler
- 2-pin Kenwood accessory socket

PACKS AND CODES

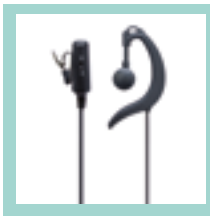
CT210 code C841.01
Box with 1 radio, 1200mA Li-Ion battery pack, rapid desktop charger, wall adapter, antenna, belt clip

CT410 code C840.01
Box with 1 radio, 1200mA Li-Ion battery pack, rapid desktop charger, wall adapter, antenna, belt clip

MIDLAND CT 510

VOX
BATTERY LEVEL
EMERGENCY
SCAN
CTCSS/DCS SCAN
TOT
BUSY CHANNEL
HI/LOW POWER
FM RADIO
ROGER BEEP
BATTERY PACK
1 PIN

PROGRAMMING SOFTWARE PRG-510
code C1104
Complete with USB connection lead for PCs



R73725
Microphone with earpiece for CT510

THE SMALL, COMPACT MINI DUAL BAND

Version: Dual Band VHF/UHF
Colour: Black with yellow insert
Frequency: 144-146MHz (Export 136-174MHz)
430-440MHz (Export 400-470MHz)
Output power: 2W VHF/2W UHF

SPECIFICATIONS

- 50 CTCSS tons/212 DCS tons
- 128 channels to store
- Channel spacing: 25KHz/12.5KHz
- 1750 Hz tone
- Auto-off function (Apo)
- Compander
- Scrambler
- SOS emergency function
- Operating mode: UHF-UHF, VHF-VHF e VHF-UHF
- Dual band viewing (VHF/UHF) on display and channel name
- FM radio receiver (76÷108 MHz)
- Roger Beep tone at start/end of conversation
- Frequency scan with CTCSS/DCS
- DTMF
- Shift repeater
- Vox and Scan functions
- Back-lit display
- Optional viewing on display of channel number, channel number + frequency or only frequency
- TOT (Time out timer) function
- Busy channel lockout (BCLO) function
- Squelch adjustable to 9 levels
- Keypad lock
- Hi/Low power selection
- Frequency setting and keypad channels
- Voice indication of the function selected VOICE
- Inverted frequency function
- Frequency step: 5/6.25/10/12.5/25/37,5/50/100 kHz
- Frequency offset: 0-69.950 MHz
- Function/channel reset
- 1-pin 2,5mm accessory socket

PACKS AND CODES

Box with 1 radio, 1300mA Li-Ion battery pack, quick desktop charger, microphone with adjustable earpiece and PTT, wall adapter, flex antenna, belt clip
code C1065

MIDLAND CT 710

VOX
BATTERY LEVEL
EMERGENCY
SCAN
CTCSS/DCS SCAN
DTMF
TOT
BUSY CHANNEL
HI/LOW POWER
SCRAMBLER
3 COLORS DISPLAY
FM RADIO
ROGER BEEP
BATTERY PACK
2 PIN KENWOOD

PROGRAMMING SOFTWARE PRG10
code C974.01
Complete with USB connection lead for PCs

THE SIMPLE, USER-FRIENDLY DUAL BAND FOR SECURE COMMUNICATION

Version: Dual Band VHF/UHF
Colour: Black with yellow insert
Frequency: 144-146MHz
(Export 136-174MHz)
430-440MHz
(Export 400-470MHz)
Output power: 5W VHF/4W UHF

SPECIFICATIONS

- 50 CTCSS tones/210 DCS codes
- 128 channels to store
- Channel spacing: 25KHz/12.5KHz
- 1750 Hz tone
- SOS emergency function
- Operating mode: UHF-UHF, VHF-VHF and VHF-UHF
- Dual band viewing (VHF/UHF) on display and channel name
- Scrambler
- Compander
- Back-lit displaywith 3 colours
- FM radio receiver
- Roger Beep tone at start/end of conversation
- Frequency scan with CTCSS/DCS
- DTMF
- Shift repeater
- Vox and Scan functions
- Back-lit display
- Optional viewing on display of channel number, channel number + frequency or only frequency
- TOT (Time out timer) functionBusy channel lockout (BCLO) function
- Squelch adjustable to 9 levels
- Keypad lock
- Hi/Low power selection
- Frequency setting and keypad channels
- Voice indication of the function selected VOICE
- Inverted frequency function
- Frequency step: 5/6.25/10/12.5/25 kHz
- Frequency offset: 0-69.950 MHz
- Function/channel reset
- 2-pin Kenwood accessory socket

PACKS AND CODES

Box with 1 radio, 1600mA Li-Ion battery pack, quick desktop charger, wall adapter, antenna, belt clip
code C1049

MIDLAND CT 790

VOX
BATTERY LEVEL
EMERGENCY
SCAN
TOT
BUSY CHANNEL
HI/LOW POWER
SCRAMBLER
3 COLORS DISPLAY
BATTERY PACK
2 PIN KENWOOD

PROGRAMMING SOFTWARE PRG10
code C974.01
Complete with USB connection lead for PCs

THE HARD-WEARING, RELIABLE DUAL BAND

Version: Dual Band VHF/UHF
Colour: Black
Frequency: 144-146MHz (Export 136-174MHz)
430-440MHz (Export 400-470MHz)
Output power: 5W VHF /4W UHF

SPECIFICATIONS

- 50 CTCSS tones/210 DCS codes
- 128 channels to store
- Channel spacing: 25KHz/12.5KHz
- 1750 Hz tone
- SOS emergency function
- Operating mode: UHF-UHF, VHF-VHF e VHF-UHF
- Dual band viewing (VHF/UHF) on display and channel name
- FM radio receiver 88÷108 MHz
- Chronometer
- Built-in torch
- Frequency step: 5/6.25/10/12.5/25 kHz, 50/100 kHz
- Roger Beep tone at start/end of conversation
- Frequency scan with CTCSS/DCS
- DTMF
- Shift repeater
- Vox and Scan functions
- Back-lit display
- Optional viewing on display of channel number, channel number + frequency or only frequency
- TOT (Time out timer) function
- Busy channel lockout (BCLO) function
- Squelch adjustable to 9 levels
- Keypad lock
- Hi/Low power selection
- Frequency setting and keypad channels
- Voice indication of the function selected VOICE
- Inverted frequency function
- Frequency offset: 0-69.950 MHz
- Function/channel reset
- 2-pin Kenwood accessory socket

PACKS AND CODES

Box with 1 radio, 1700mA Li-Ion battery pack, quick desktop charger, wall adapter, antenna, wrist strap
code C924

TECHNICAL SPECIFICATIONS

Model	CT510	CT 210	CT 410
General			
Frequency	144-146MHz/ 430-440MHz	144-146MHz	430-440MHz
Operating temperature	-20°-+55°	-20°-+55°	-20°-+55°
Voltage supply	3.7V	7.4V	7.4V
Operating mode	Simplex or Semi-duplex	Simplex or Semi-duplex	Simplex or Semi-duplex
Size (excluding antenna)	85x55x28mm	100×58×33mm	100×58×33mm
Weight (including batteries)	127g	203g	203g
Antenna impedance	50Ω	50Ω	50Ω
Use cycle	5/5/90	5/5/90	5/5/90
Transmitter			
Frequency stability	±2.5PPM	±2.5PPM	±2.5PPM
Output power	2W VHF/UHF	>4W	>4W
Maximum frequency deviation	KHz	5KHz	5KHz
Audio distortion	≤ 3%	≤ 3%	≤ 3%
Receiver			
RF sensitivity	< 0.3μV	< 0.2μV	< 0.2μV
Audio distortion	≤ 3%	≤ 3%	≤ 3%
Audio response	300Hz ÷ 3KHz	300Hz ÷ 3KHz	300Hz ÷ 3KHz

Model	CT 710	CT 790
General		
Frequency	144-146MHz - 430-440MHz	144-146MHz - 430-440MHz
Operating temperature	-20°-+55°	-20°-+55°
Voltage supply	7.4V	7.4V
Operating mode	Simplex or Semi-duplex	Simplex or Semi-duplex
Size (excluding antenna)	100×58×33mm	105x58x39mm
Weight (including batteries)	203g	250g
Antenna impedance	50Ω	50Ω
Use cycle	5/5/90	5/5/90
Transmitter		
Frequency stability	±2.5PPM	±2.5PPM
Output power	VHF: 5W UHF:4W	VHF: 5W UHF:4W
Maximum frequency deviation	5KHz	5KHz
Audio distortion	≤ 3%	≤ 3%
Receiver		
RF sensitivity	< 0.2μV	< 0.2μV
Audio distortion	≤ 3%	≤ 3%
Audio response	300Hz ÷ 3KHz	300Hz ÷ 3KHz

VHF/UHF AMATEUR ACCESSORIES

MICROPHONES

MA 21-LK **C709.04**

Microphone with adjustable earpiece and PTT, with curly cord

MA 21-K **C843**

Microphone with adjustable earpiece and PTT

MA22-K **C844**

Handheld speaker microphone with PTT

MA 26 - LK **C515.04**

Speaker microphone with volume control and earpiece socket

MA31-LK **C732.04**

Microphone with pneumatic earpiece

CASE

CS 200/400 **C 845**

Leather case for CT200-400, CT210-410

DESKTOP CHARGERS

CA-CT200/400 **C849**
Quick desktop charger with wall adapter for CT200-400, CT210-410, CT 710

CA-CT790 **R72767**
Quick desktop charger with wall adapter for CT790

R73642
Desktop charger CT510

BATTERIES

PB200/400 **C846**
Battery pack 1200mA, 7,4Vcc Li-Ion for CT200-400/CT210-410

PB710 **C1050**
Battery pack 1600mA, 7,4Vcc Li-Ion for CT710

PB CT 790 **C931**
Battery pack 1700mAh Li-Ion for CT790

R73645
Battery pack 1300MAH Li-ion for CT510

CHARGERS

AL-DTC **C981**
12V adaptor kit for desktop chargers, compatible with all

R73643
Wall adapter for CT510

USB CABLE

R73644
CT510 USB cable

ANTENNAS

ANT200 **C847**
Antenna for CT200

ANT400 **C848**
Antenna for CT400

ANT210 **C847.01**
Antenna for CT210

ANT410 **C848.01**
Antenna for CT410

ANT710 **C1051**
Antenna for CT510 and CT710

ANT790 **R72659**
Antenna for CT790

ALAN HP108
ALAN HP408L
ALAN HP408H

VOX

BATTERY LEVEL

SCAN

SCRAMBLER

HI/LOW POWER

ROGER BEEP

BATTERY PACK

2 PIN

PROGRAMMING SOFTWARE

complete with USB connection lead for PCs
PRG08 - HP08 serie **G1184**

COMPETITIVELY PRICED PROFESSIONAL PERFORMANCE AND QUALITY

HP108: VHF 136-174 MHz
HP408L: UHF 400-470 MHz
HP408H: UHF 465-520 MHz

SPECIFICATIONS

- Protection IP54
- 180 channels
- Breakdown of channels according to groups
- Customisable switch on message
- Backlit LCD display
- Back-lit keypad
- Standard CTCSS tones and digital DCS
- Selective calling 5 tones, 5+5 tones in the various standard formats
- Signal intensity indicator
- Built-in scrambler with 8 different selectable frequency codes
- Compander
- Transponder function
- Adjustable power: max. 5W programmable at High/Low/Medium
- Battery life: up to 12 hours
- Built-in vox adjustable to 8 different sensitivity levels and 4 different delay levels
- 2-pin accessory socket

PACKS AND CODES

1 radio, quick desktop battery charger, Li-Ion 1600 mA/h rechargeable battery, antenna, belt clip
HP108 **G1176.01** VHF 136-174MHz
HP408L **G1177.04** UHF 400-470MHz
HP408H **G1177.01** - UHF 465-520 MHz

ALAN HP106
ALAN HP406
ALAN HP70L

PROGRAMMING SOFTWARE

complete with USB connection lead for PCs
PRG06 - Serie HP06/HP70 **G966**

VERSATILITY AND CUSTOMISATION OF COMMUNICATION STANDARDS

HP106: VHF 146-174 MHz
HP406: UHF 440-470 MHz
HP70L: high band 77-88 MHz

SPECIFICATIONS

- Protection IP54 - MIL STD810 CDEF MIL STD810 CDEF
- 16 channels
- Standard CTCSS tones and digital DCS
- Selective formats 5 tones, 5+2, 5+5, customisable
- Lone worker function (software prog.)
- Built-in frequency inversion scrambler
- Channel/priority channel scanning
- Transponder function
- Adjustable power: 5W (VHF version) programmable high/low; 4W (UHF version) programmable high/low.
- Battery life > 8 hours (with high capacity battery)
- Built-in vox adjustable to 2 levels of sensitivity
- Internal connector for optional digital scrambler cards
- EEprom flash: maximum flexibility and customisation of software/firmware
- Dead man
- 2-pin accessory socket

PACKS AND CODES

1 radio, antenna (only HP06), belt clip
HP106 **G932.04** - VHF 146-174MHz
HP406 **G933.04** - UHF 440-470MHz
HP70L **G1043.02** - low band 66-77MHz
HP70H **G1043.03** - high band 77-88MHz

ANTENNAS HP70L

(NOT SUPPLIED IN PACK)

HA 68-H **G970** - 77-88MHz antenna
HA 68-L **G1049** - 66-77MHz antenna

ALAN HM135
ALAN HM435
ALAN HM70

EMERGENCY SCAN SCRAMBLER HI/LOW POWER

PROGRAMMING SOFTWARE

complete with USB connection lead for PCs
PRG35 - for HM06, HM35 and HM70 **G968**

FOR ADVANCED COMMUNICATION SYSTEMS

HM135: VHF 136-174MHz
HM435: UHF 403-470MHz
HM70: 66-88MHz 465-520MHz

SPECIFICATIONS

- 4 - 25W output power
- MIL STD 810 C D,E, F and IP54 (front panel only)
- More than 250 channels with usable settings
- CTCSS/DCS
- Programmable channelling
- Graphic LCD display
- 4 function buttons
- Phone book
- Standard and customised selective call
- Scrambler
- Kill/revive
- Remote use front panel
- 4W front speaker
- Standard and priority channel scan
- Talk around - Public Address function
- Flash memory
- PC programmable
- Data transmission (compliant with ETS300-113)
- Standard DB25 accessories connector

PACKS AND CODES

1 radio, power lead and support bracket
HM135 **G934** VHF 136-174MHz
HM435 **G935** UHF 403-470MHz
HM70 **G1101** 66-88MHz 465-520MHz (export)

ALAN HM106

EMERGENCY SCAN HI/LOW POWER

PROGRAMMING SOFTWARE
complete with USB connection lead for PCs
PRG35 - per HM06, HM35 e HM70 **G968**

VHF, REASONABLY PRICED PROFESSIONAL PERFORMANCE

SPECIFICATIONS

- Output power 4 - 25W
- MIL STD 810 C D,E, F and IP54 (front panel only)
- 99 channels
- CTCSS/DCS
- Programmable channelling
- 2-digit LED display
- 4 function buttons
- Selective calling
- 4W front speaker
- Standard and priority channel scan
- Talk around
- Public Address function
- Flash memory
- PC programmable

PACKS AND CODES

1 radio, standard microphone, power lead and support bracket
HM106 **G997** VHF 136-174MHz

ALAN RPT 35S QUICK SETUP

BASE STATION/REPEATER

The new **RPT 35S** has been designed to provide extensive coverage for organisations requiring repeaters that are excellent value for money.
RPT 35S is supplied with a built-in power supply and 6-cell duplexer contained in 19-inch 3U racks.
RPT 35S is also fitted with a standard DB25 connector for link connections with other repeaters.

FOR TECHNICAL INFORMATION:
TEL. +39 0522509411 - INFO@CTE.IT

SPECIFICATIONS

- Output power programmable from 4 to 25 W
- Power supply/buffer battery charger 220 V AC 13.8 V DC (battery not included)
- 32 channels (8 can be switched locally)
- CTCSS Enc-dec, DCS
- Automatic no network and flat battery warning (prog.)
- Automatic switch-off with low battery level (prog.)
- Removable front panel
- Kill/revive (via selective radio control)
- 6-cell duplexer included

PACKS AND CODES

1 repeater, power lead and duplexer leads-connection
RPT 135S **G1134** VHF 135-174MHz (duplexer H band 152-175MHz)
RPT 135S **G1134.01** VHF 138-156MHz (duplexer L band 138-156MHz)
RPT435S **G1135** UHF 405-470MHz

PROGRAMMING SOFTWARE

complete with USB connection lead for PCs
PRG RPT **G1080**

ACCESSORIES

PORTABLES

RC05 - **C663.02**
Black quick desktop charger compatible with: HP06

RC08 - **G1191**
Quick desktop charger compatible with: HP08

BP0518 - **G811.03**
1800 mAh NiMh rechargeable battery for HP06-HP70

BP08 - **G1192**
1600 mAh Li-Ion rechargeable battery for HP08

AL-DTC - **C981**
Power supply compatible with: Alan RC08, RC05

VEHICLES

MK06/35 - **G1004**
Standard palm microphone compatible with: all Alan HM

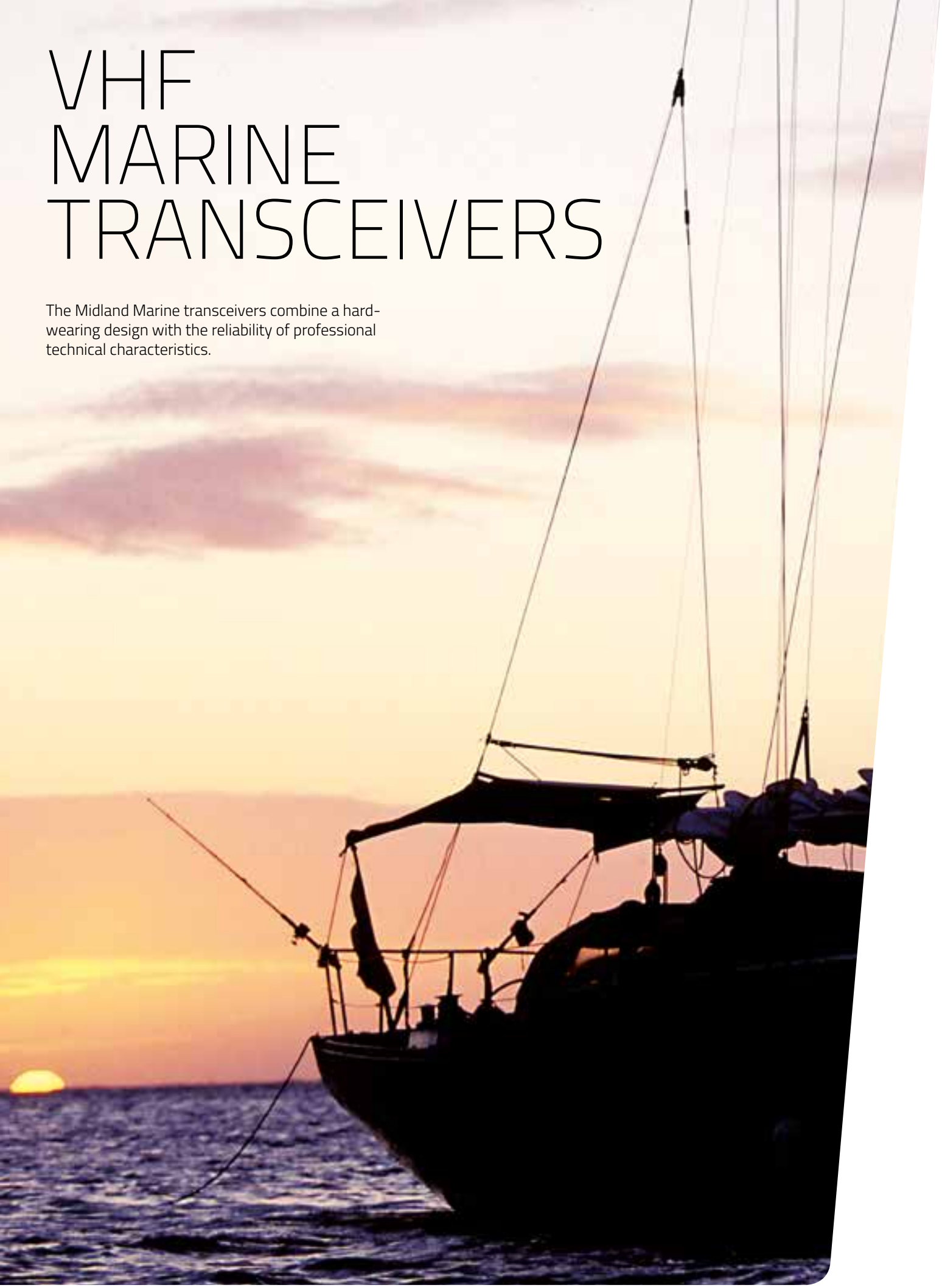
MK35-K - **G1003.01**
Microphone with keypad compatible with: Alan HM35/70

AU25 - **T681**
External speaker max. 5W compatible with: Alan HM35/70/06

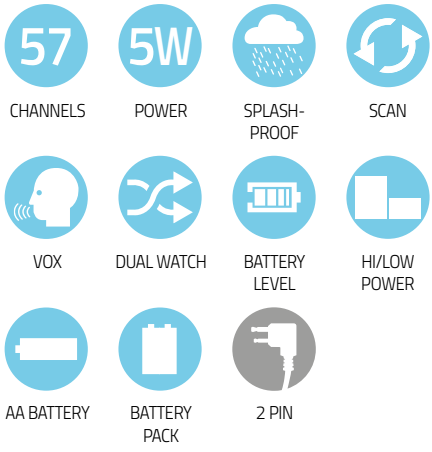
G1016
Remote control kit including 5 m extension lead with connectors, brackets, screws. Compatible with: Alan HM35/70

VHF MARINE TRANSCEIVERS

The Midland Marine transceivers combine a hard-wearing design with the reliability of professional technical characteristics.



PACIFIC



PROGRAMMING SOFTWARE PRG PACIFIC
cod. G1124
Complete with USB lead for PCs

PRACTICAL AND HARD-WEARING FOR IMMEDIATE COMMUNICATION

Midland Pacific is a portable marine VHF transceiver that combines hard-wearing reliability with decidedly professional technical specifications. Functions are all within easy reach, including the button granting immediate access to emergency channel 16. The antenna is removable and thanks to the standard SMA connector, other types of antenna can also be used.

SPECIFICATIONS

- Splashproof
- Transmission power: 5W
- High/low power selection (5W/1W)
- 57 international channels/20 user programmable channels (via software)
- Removable antenna - SMA connector
- Large backlit LCD display
- Immediate access to the emergency channel 16
- VOX, SCAN and Dual Watch function
- Keypad lock, automatic squelch
- Roger beep (end of call tone)
- Flat battery indicator and automatic battery saver
- Power supply: NiMH battery pack (or 4 AA batteries optional)
- 2-pin accessory socket
- Compatible wall charger: MW905

PACKS AND CODES

Box with one radio, one desktop charger, wall charger, rechargeable 800mAh battery pack, 12V cigarette lighter charger, desktop/wall mount and belt clip
code G1094 Black

NEPTUNE 100

57 CHANNELS

25W POWER

WATERPROOF IPX7

DCS

ATIS

GPS

AGENDA

SCAN

DUAL WATCH

TRI WATCH

PROGRAMMING SOFTWARE PRG NEPTUNE 100
cod. G1130
Complete with USB lead for PCs

COMPACT, REDUCED SIZE, FULLY WATERPROOF

Neptune 100 encompasses all the essential functions for communication at sea in a small, compact cabinet. Thanks to the large backlit LCD display, all information is easily visible and within reach.
Neptune 100 is fully waterproof with protection grade IPX7. Can remain submerged in the water for 30 minutes at a depth of 1 metre.

SPECIFICATIONS

- Waterproof: IPX7
- 57 international channels
- DSC system - Class D - with received messages archive
- ATIS system
- Transmission power 25W (25W/1W)
- Main commands repeated on the microphone for more immediate use
- Channel selection and recall of channel 16
- Large front backlit keypad
- Large backlit LCD display with adjustable contrast
- Squelch adjustment
- Connection with external speaker
- Dual Watch function to monitor channel 16 when listening to the tuned channel
- Triple Watch function to monitor channels 9 and 16 in addition to the tuned channel
- Scan function on all channels or saved channels with the option of creating a group of channels
- External GPS socket (optional)
- Programmable functions using the PRG-Neptune 100 programmer, optional: 16 MMSI addresses (vessel identification code), 20 channels for authorised professional users

PACKS AND CODES

Box with 1 Neptune 100 device, microphone and mount, external GPS lead, power lead, bracket mount and fixing screws
code G1125 Black

NEW NEPTUNE

56 CHANNELS

25W POWER

WATERPROOF IPX4

DCS

ATIS

GPS

AGENDA

SCAN

DUAL WATCH

TRI WATCH

PROGRAMMING SOFTWARE PRG NEPTUNE

cod. G1130

Complete with USB lead for PCs.
Download software: http://www.midlandradio.eu/new_neptune/product_eu_205109.aspx

TECHNOLOGICALLY ADVANCED, PROFESSIONAL AND HARD-WEARING

New Neptune is the perfect solution for those seeking a highly professional device with metal cabinet, water-resistant (IP54) and fitted with a complete alphanumeric keypad on the front panel. **New Neptune** is controlled by a micro processor which enables advanced performance and specifications to be obtained; it controls the tuning of the nautical band and advanced functions such as Dual Watch, Triple Watch and all the various scans available.

SPECIFICATIONS

- Waterproof: IPX4
- 56 international channels
- DSC system - Class D - with received messages archive
- ATIS system
- Transmission power 25W (25W/1W)
- 23 front commands for the immediate use of all functions
- Main commands repeated on the microphone for more immediate use
- channel selection and recall of channel 16
- Large front backlit keypad
- Backlit LCD display with adjustable contrast
- Squelch adjustment
- Connection with external speaker
- Dual Watch function to monitor channel 16 when listening to the tuned channel
- Triple Watch function to monitor channels 9 and 16 in addition to the tuned channel
- Scan function on all channels or saved channels with the option of creating a group of channels
- External GPS socket (optional)
- Programmable functions using the PRG-Neptune programmer, optional: 16 MMSI addresses (vessel identification code), 20 channels for authorised professional users

PACKS AND CODES

Box with 1 device, microphone and mount, external GPS lead, power lead, bracket mount and fixing screws
code G979.04 White

TECHNICAL SPECIFICATIONS

GENERAL	PACIFIC	NEPTUNE 100	NEW NEPTUNE
Channels	57 international	57 international	56 international
TX frequency coverage	from 156.025 to 157.425 MHz	from 156.025 to 157.425 MHz	from 156.025 to 157.425 MHz
RX frequency coverage	da 156.300 a 162.000 MHz	da 156.300 a 162.025 MHz	da 156.300 a 162.025 MHz
Power supply	Battery pack/4 AA batteries opz	12 V DC	12 V DC
Operating temperature	from –15°C to +55°C	from –15°C to +55°C	from –15°C to +55°C
Removable antenna/length	Yes - SMA connector/250 mm	No	No
Size (LxAxP)	62x122x35 mm	177x72x146	170x70x160 mm
Weight (transceiver only)	137 g	1,2 Kg	1,305 Kg
Accessory socket type	2 pin	Speaker 3,5mm Mono/GPS	Speaker 3,5mm Mono/GPS
Programmable	Via software (PRG-PACIFIC)	Via software (PRG-NEPTUNE 100)	Via software (PRG-NEPTUNE)
Water protection grade	-	IPX7	IPX4
Transmitter			
Output power	5 Watt (1W/5W)	HIGH: 25W - LOW: 1W	HIGH: 25W - LOW: 1W
Receiver			
Sensitivity to 20dB Sinad	0,35 µV	< 0.5µV	< 1,0µV
Audio output power	500mW @ 10% THD	> 2W @ 8 Ohm	> 2W @ 8 Ohm
Audio distortion	< 10%	1°: 21.4MHz – 2°: 405KHz	1°: 21.4MHz – 2°: 405KHz

ACCESSORIES

MICROPHONES

MA 21-L
C709.03

Microphone with adjustable earpiece and PTT, with curly cord

MA 28 - L
C559.03

Speak/listen microphone

MA 26 - L
C515.01

Speaker microphone with volume control and earpiece socket

MA 30-L
C648.03

Microphone with adjustable arm

CHARGERS - BATTERIES - ADAPTERS - DASHBOARD KIT

Atlantic XT	CA-ATL/G7 **C785**	Double desktop battery charger
Atlantic XT and Pacific	PB-ATL/G7 **C784**	800mAh Rechargeable battery packs compatible with: Atlantic XT and Pacific
Atlantic XT	MW904 **C689**	Wall charger compatible with: Atlantic XT
Pacific	MW905 **C887**	Wall charger compatible with: Pacific
Atlantic XT	ALG7 **C814**	Cigarette lighter power lead compatible with: Atlantic XT (not compatible with Pacific)
Atlantic XT	**C827**	Rechargeable adapter for PB ATL/G7
New Neptune	**G1020.01**	dashboard kit white New Neptune

CASE

CC ATL /G7 WP **C826.01**

Waterproof case
Compatible with: Atlantic XT, Pacific NB: pack of 10 pieces **C826**

SPEAKER

Midland 70-2355T **C733**

Speaker for outdoor use compatible with: Neptune 100, New Neptune

MARINE ANTENNAS

AZZURRA 40
T454

CB nautical antenna
Suitable for all types of boats, particularly those in fibreglass. Can be used on camper vans

SHARK 3
F483

VHF marine antenna
Shark 3 is fitted with a fixing bracket at the shaft head, created from stainless steel, and an SO 239 connector for the direct fastening of the antenna lead. The coil is waterproof. Particularly suitable for small boats and rubber dinghies.

SHARK 4
F484

VHF marine antenna
The Shark 4 is fitted with a removable style to enable complete coverage of the boat during stowage and release for easy adjustment in any position. The body is in cast plastic and the style in fibre.

Technical specifications	Azzurra 40	Shark 3	Shark 4
Operating frequency (MHz)	27	156÷162	156÷162
Number of channels	40	600	600
Maximum applicable power (W)	50	100	100
R.O.S.min.in centre band	1:1,1	1,1÷ 1,5	1,1÷ 1,5
Gain	3 dB	3 dB	3 dB
Length (cm)	160	140	140
Impedance (Ohm)	50	50	50
Weight (g)	1000	1000	1000
Style material	Fibre	Fibre	Fibre
Antenna connection type	without PL	SO 239	without PL
Lead (m)	4	-	4

ANTENNAS

CAR AND TRUCK ANTENNAS

X-TURBO CAMPER 27
C863

X-TURBO MINI
C864

X-TURBO 60
C871

X-TURBO 80
C872

ALAN PC 4
T739

ALAN PC 6
T736

ALAN PC 8
T701

ALAN S9 PLUS
T638

FUNK 90
T638.04

FUNK 130
T638.05

FUNK 150
T638.06

ML 145
T562.01

PICCO 70C
T638.12

PICCO 70S
T638.13

MINI
C593

SUPERMINI
C592

MAGNETIC CB ANTENNAS

Small antenna complete with lead and connector

MIDLAND 18-244M
T788

High power antenna with magnetic base Ø 120 mm

KIT 007
ML145 + BM 120 PL

LC29
C1018

LC59
C1019

LC65
C1020

VHF/UHF CAR AND TRUCK ANTENNAS

NW-2000
C623
F.O.W.*

NR-770R
C626
F.O.W.*

NR-770S
C625

AZ-504
C627

M-285
C631

M150-GSA
C632

VH 1
F092

VH 2
F093

VHF/UHF PORTABLE ANTENNAS

RH-707 FLEX
C635
Flex-Tilt

RH-701
C634
Flex

RH-771
C637
Flex

RH-775
C638
Telescopic

RH-777
C639
Flex-Tilt

RH-779
C640
Telescopic-Tilt

RH-519
C641
Super Flex

RH-536
C644
Super Flex

CH-32
C642

SRH-536
C646
Super Flex - SMA

SRH-701
C645
Super Flex-SMA

* F.O.W.: Reclining structure. The reclining style guarantees that the antenna can move extensively in all directions, enabling the convenient parking of the car in the garage without removing the antenna. Equipped with a safety block for safe driving.

CB BASE ANTENNAS

ENERGY NEW 1/2 **T241.02**

ENERGY NEW 5/8 **T242.02**

SKYLAB **T233**
The Skylab base is built from a single block to ensure maximum mechanical robustness and the best possible seal of connections. The 3 upper radials decrease static electricity loads on the antenna.
With anti-whistle cage

EQUIPPED WITH A SYSTEM TO PROTECT AGAINST WATER LEAKS
Energy New 1/2 and Energy New 5/8 are telescopic base antennas, ground plane at 1/2 - 5/8 lambda, operating on 27MHz, built in anti-corrosion aluminium. All elements are telescopic and facilitate installation.

VHF/UHF BASE ANTENNAS

X30 **C614**

X50 **C615**

F-22A **C619**

DCG: Antennas short-circuited to earth to protect your equipment from electrostatic charge in the event of a storm
HQJ: Built with high quality, hard-wearing joints

TECHNICAL SPECIFICATIONS

N.B.: Midland cannot advise on the gain of its antenna models, as this cannot be unambiguously defined. It varies according to various types of factors, such as installation position, length, system calibration, environmental conditions, etc.

CAR AND TRUCKS CB ANTENNAS

	X-TURBO CAMPER27	X-TURBO MINI	X-TURBO 60	X-TURBO 80	ALAN PC 4/6/8	ALAN S9 PLUS
Operating frequency	26-28 MHz	26-28 MHz	26-28 MHz	26-28 MHz	25-30 MHz	25-30 MHz
Number of channels	120	60	200	200	150/240/130	200
Maximum applicable power	50 W	10 W	800 W (max 1500)	1000 W (max 1700)	400/600/800 W	300 W
R.O.S.min.in centre band	< 1.2	< 1.4	< 1.2	< 1.2	< 1.2	< 1.2
Length (cm)	114	31	160	180	115/160/163	155
Impedance (Ohm)	50	50	50	50	50	50
Weight (g)	430	260	670	690	450	390
Style material	Fibreglass	Steel	Steel	Steel	Steel	Steel
Antenna connection type	PL 259	-	3 pieces	3 pieces	3 pieces	DV
Hole diameter (mm)	16	10	10	10	10	12,5
Lead (m)	-	4	4	4	4	4

	FUNK 90/130/150	ML 145	PICCO 70C/70S	MINI	SUPERMINI
Operating frequency	26-28 MHz	26-28 MHz	26-28 MHz	26÷28 MHz	26÷28 MHz
Number of channels	-	90	-	40	40
Maximum applicable power	200/250/300 W	400 W	100 W	80 W	30 W
R.O.S.min.in centre band	< 1.2	< 1.2	< 1.2	1.2:1	1.2:1
Length (cm)	90/130/150	146	70	680	330
Impedance (Ohm)	50	50	50	50	50
Weight (g)	160/190/200	350	180	210	130
Style material	Steel	Steel	Steel	Stainless steel	Fibre
Antenna connection type	DV	PL	DV	3 pieces	3 pieces
Hole diameter (mm)	10	16	10	12,5	10
Lead (m)	-/4/4	-	4	4 with PL259	4 with PL259

MAGNETIC CB ANTENNAS

	X-TURBO MINI MAG	MIDLAND 18-244M	MINISTAR 27	KIT 007
Operating frequency	26-28 MHz	26.965-27.405 MHz	26-28 MHz	26-28 MHz
Number of channels	60	40	40	90
Maximum applicable power	10 W	100 W	10 W	400 W pep
R.O.S.min.in centre band	< 1.4	1:1,2	1:1,2	< 1.2
Length (cm)	31	66	35	146
Impedance (Ohm)	50	50	50	50
Weight (Kg)	0,5	0,5	0,3	1,6
Style material	Steel	Stainless steel	Stainless steel	Stainless steel
Attachment	Ø 65 mm	Magnetic base Ø 90 mm	Magnetic base Ø 29 mm	Magnetic base 120mm with PL
Lead (m)	4,5 with PL 259	2,75	3	2,9

	LC29	LC59	LC65
Operating frequency	26-28 MHz	26-28 MHz	26.965-27.405 MHz
Number of channels	40	40	40
Maximum applicable power	10/30 W (peak)	30/150 W (peak)	60/300 W (peak)
R.O.S.min.in centre band	≤ 1.2:1	≤ 1.2:1	≤ 1.2:1
Length (cm)	29	65	115
Impedance (Ohm)	50	50	50
Weight (Kg)	0,4	0,6	1
Style material	Stainless steel	Stainless steel	Stainless steel
Attachment	Magnetic base 68mm with PL	Magnetic base 78mm with PL	Magnetic base 120mm with PL
Lead (m)	4	4	4

VHF/UHF CAR AND TRUCK ANTENNAS

	NW-2000	NR-770R	NR-770S	AZ-504	M-285	M150-GSA
Frequency	144/430 MHz	144/430 MHz	144/430 MHz	144/430 MHz	138-174 MHz	138-174 MHz
Type	1/2λ(144 MHz) 2x5/8λ(430 MHz)	1/23λ(144 MHz) 2x5/8λ(430 MHz)	1/4λ(144 MHz) 1/2λ(430 MHz)	1/4λ(144 MHz) 1/2λ(430 MHz).	5/8λ	1/4λ
Power	200 W	200 W	100 W	50 W	200 W	200 W
Length(cm)	98	98	43	46	100	51
Connector type	PL	PL	PL	PL	PL	PL

VHF/UHF CAR AND TRUCK ANTENNAS

	VH 1	VH 2
Operating frequency	140:175MHz	140:175MHz
Max. power applicable	100W	100W
R.O.S. in centre band	1:1,2	1:1,2
Length (cm)	51	134
Impedance	50 Ohm	50 Ohm
Weight	300 g	450 g
Style material	Steel	Fibre
Connector type	PL259 (not supplied)	PL259 (not supplied)
Hole diameter	12 mm	12 mm
Lead	4m	4 m

VHF/UHF PORTABLE ANTENNAS

	RH-707 FLEX	RH-701	RH-771	RH-775	CH-32	SRH-536
Frequency	TX: 144/430 MHz	TX: 144/430 MHz	TX: 144/430 MHz	TX: 144/430 MHz	TX: 144/430/900MHz	TX: 144/430 MHz
Type	1/4λ	1/4λ	1/4λ(144MHz) 1/2λ(430MHz)	1/4λ(144 Mhz) 1/2λ(430 MHz)	1/4λ (144/430/900 MHz)	1/4λ(144 Mhz) 1/2λ(430 MHz)
Band	120-150/300-450 MHz - 800-900 Mhz in RX only	120-150/300-450 MHz - 800-900 Mhz in RX only	120-150/300-450 MHz - 800-900 Mhz in RX only	120-150/300-450 MHz - 800-900 MHz in RX only		300/800 MHz 900 MHz in RX only
Length (cm)	21	21	40	14-41	4.5	37
Connector type	BNC	BNC	BNC	BNC	BNC	SMA

	RH-777	RH-779	RH-519	RH-536	SRH-701
Frequency	TX: 144/430 MHz	TX: 144/430 MHz	TX: 144/430 MHz	TX: 144/430 MHz	TX: 144/430 MHz
Type	1/4λ	1/4λ (144 MHz) 1/2λ (430 MHz)	1/4λ - 2m/70cm	1/4λ (144 MHz) 1/2λ (430 MHz)	1/4λ
Band	120-150/300-450 MHz 800-900 Mhz in RX only	120-150/300-450 MHz 800-900 Mhz in RX only	120-150/300-450 MHz 800-900 MHz in RX only	120-150/300-450 MHz 800-900 MHz in RX only	120-150/300-450 MHz 800-900 Mhz in RX only
Length (cm)	40	14-41	20	36	21
Connector type	BNC	BNC	BNC	BNC	SMA

BASE CB ANTENNAS - BASE VHF/UHF ANTENNAS

	ENERGY NEW 1/2	ENERGY NEW 5/8	SKYLAB	X30	X50	F22
Operating frequency	25-29 MHz	25-29 MHz	26-28 MHz	144-430 MHz	144-430 MHz	144 MHz
Maximum applicable power	500 W PEP	500 W PEP	1000 W	150 W	200 W	200 W
Impedance	50 Ohm	50 Ohm	50 Ohm	50 Ohm	50 Ohm	50 Ohm
Band R.O.S.	1.2:1	1.2:1	1.5:1	1.5:1	1.5:1	1.5:1
Length	5750 mm	6500 mm	5500 mm	1300 mm	1700 mm	3200 mm
Weight	2,1 Kg	2,5 Kg	2,3 Kg	0.8 Kg	0.9 Kg	1,3 Kg
Ø support pole	30-40 mm	30-40 mm	30-35 mm	30-35 mm	30-35 mm	30-35 mm
Connector	SO 239	SO 239	SO239	SO239	SO239	SO239
Styles	Aluminium	Aluminium	Aluminium	Fibreglass/steel	Fibreglass/steel	Fibreglass/steel

ACCESSORIES

BRACKETS - CABLES - CONNECTORS

GR-L **C1047**

Stainless steel mount. Size: 38x64x99mm

GR-XL **C1048**

Stainless steel mount. Size: 38x100x180mm

GR PLUS **T786**

Gutter mount. Enables the Gutter mount installation of any mobile antenna without piercing the bodywork

GR-F INOX **T751**

Gutter mount. In stainless steel for vehicle antennas, with fixing hole reducer

GR-S INOX **T753**

Gutter mount. In stainless steel with double inclination for vehicle antennas, with fixing hole reducer

GRONDA 27 **T054**

Gutter mount. Enables the Gutter mount installation of any mobile antenna without piercing the bodywork.
The special rubber suction pad guarantees perfect adherence to the vehicle roof

SP-S INOX **T752**

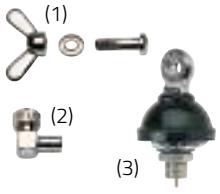
Gutter mount. In stainless steel for vehicle antennas, with adjustable inclination and fixing hole reducer

SP 21 **T390**

Mirror mount. Enables the installation of any mobile antenna on the rear view mirror, avoiding unsightly holes in the bodywork

DV 27 PL **T599**

Roof centre adapter DV/SO239



SC 27 **T441** Specific screw (1)
LC 27/10-N **T370.01** Connector (2)
FC 27 **T478** Base for antennas (3)

Screws, connector for FC 27 and base for Midland antennas

RG58 **T633**

3-piece lead for PC series antennas and roof centre attachment. Lead type: RG58 - Length: 4m

Roof centre **T301**

Centre-roof mount for US antennas Lead type: RG58 - Length: 3,5 m

R 45/58-U **T194**

Connection lead for CB transceivers. Lead type: RG58 - Length: 45 cm

R 90/58-U **T193**

Connection lead for CB transceivers. Lead type: RG58 - Length: 90 cm

PL259/R **T292.02**

PL 259/RL **T377**

SA 95 **T211**

SO239 connection RCA plug

UG 255 **F076**

Connector for BNC/SO239

PL 259 **T205**

Connector for RG8/RG213 cable

COAXIAL LEADS

RG 58/U **T199**

RG 58/I **T199.03**

RG 58/U WHITE **T200**

RG 58/AUX **T197**
Impedance: 50 Ohm

RG 58/H **G326**
Low loss, Impedance: 50 Ohm

RG 213 **T571**
Impedance: 50 Ohm

213 U **T571.01**

MAGNETIC BASES

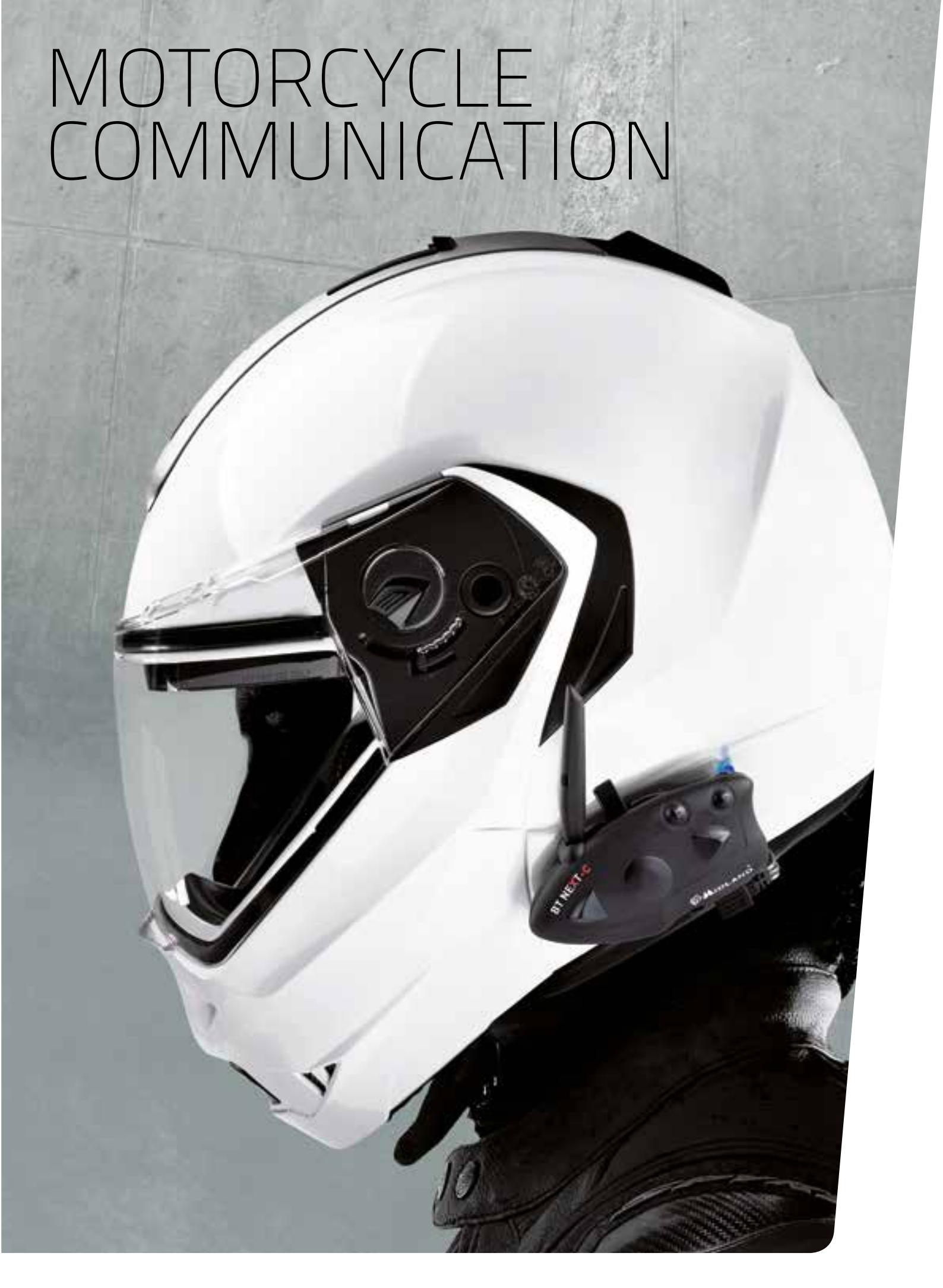
BM 120 DV **T 057**
BM 120 DV is designed to withstand high speeds. Equipped with scratch-resistant magnet-covering cap. Supplied with universal DV 27 base, already installed.

BM 120 PL **T036**
BM 140 PL-B **T052.01**
Designed to withstand high speeds. Equipped with scratch-resistant magnet-covering cap. Supplied with attachment for PL, already installed.

BMU 140 **C889**
Suitable for PL, DV and roof centre attachment. Designed to withstand high speeds. Equipped with scratch-resistant magnet-covering cap.

	BM 120 DV	BM 120 PL	BM 140 PL-B	BMU 140
Frequency range	26-460 MHz	26-460 MHz	26-460 MHz	26-460 MHz
Max. speed	80/130 Km/h	80/130 Km/h	130/180 Km/h	130/180 Km/h
Base diameter	Ø: 120 mm	120 mm	140 mm	140 mm
Weight	750 gr	700 gr	1.450 gr	1.450 gr
Lead	3m	3m	3m	-

MOTORCYCLE COMMUNICATION



NEXT GENERATION FEATURES

Bluetooth™

UNIVERSAL INTERCOM

WATERPROOF IPX4

FM RADIO

VOX INTERCOM/TEL

VOX AND VOICE MESSAGES

AUTOMATIC VOLUME CONTROL

HIGH SPEED AUDIO QUALITY

LONG LASTING BATTERY LIFE

FOR ALL TYPES OF HELMETS

CELL/MP3 CONNECTION

GPS CONNECTION

BT REMOTE CONTROL

TALK TO ALL PMR446 BLUETOOTH

IPOD/MP3/ PMR446 WIRED CONNECTION

USB CONNECTION

FOLDING ANTENNA

EXTRAORDINARILY SIMPLE AND SAFE

The multiconnection wireless multimedia systems designed for motorbike communication, simple and safe. All Midland Intercoms, are installed on the helmet and paired via bluetooth to the phone, to the MP3, to the GPS navigator or other devices.

TALK 2 ALL UNIVERSAL INTERCOM FUNCTION

Matching to any intercom of any brand

HANDLEBAR REMOTE CONTROL

With BT Remote you do not have to remove your hands from the handlebar, the Bluetooth remote ensures safety and comfort (suitable even for BT City)

VOX - VOICE ACTIVATION

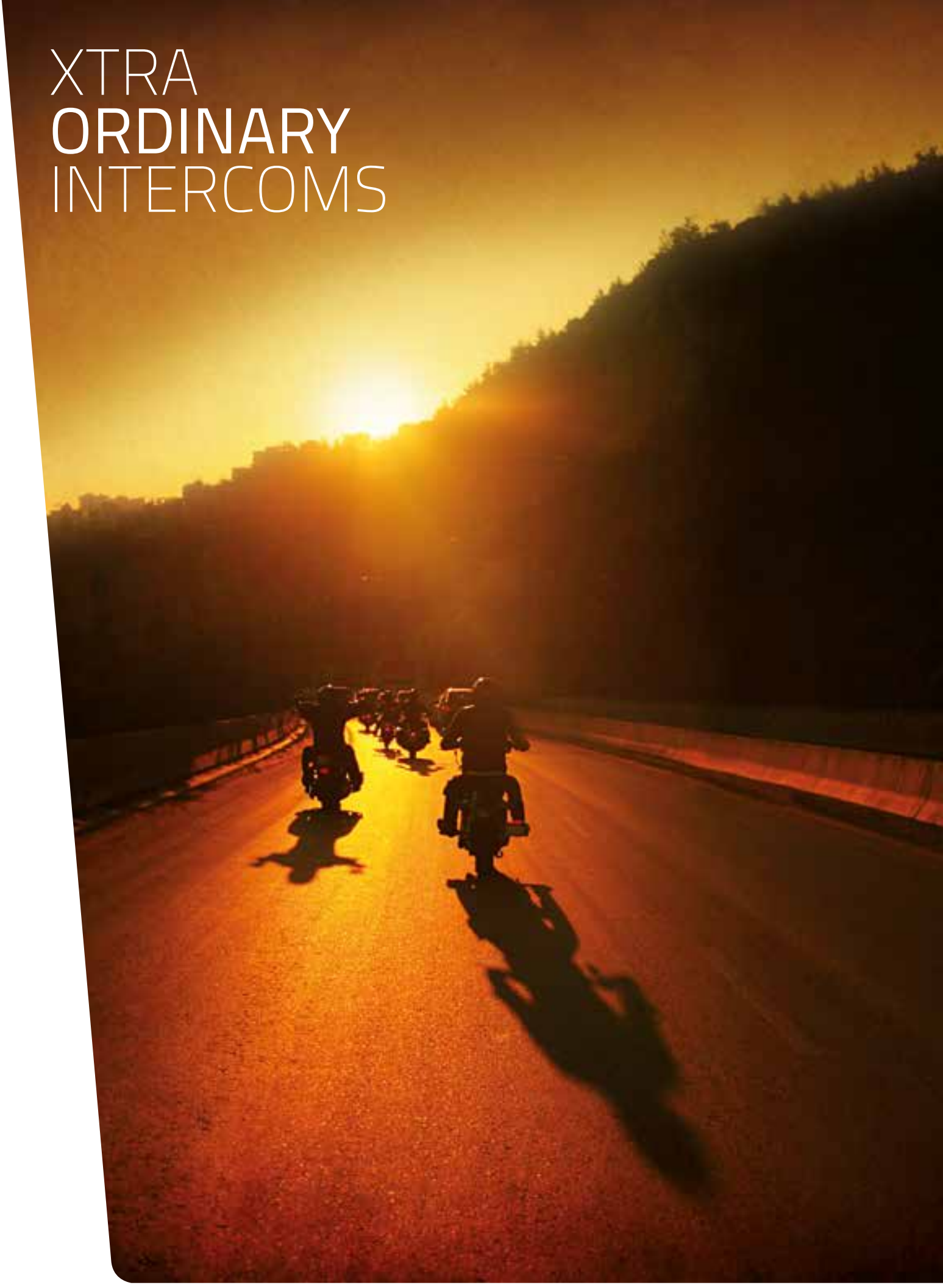
Vox for Voice activation of the Intercom function and answer calls without taking your hands off the handlebar

PROGRAMMABLE VIA USB

To configure and upgrade your device just connect your device to your PC and go to the website **www.intercombt.com** and download the software (for PC).

* The features listed on this page are present in all models BTX (BT Next, BTX2, BTX1)

XTRA **ORDINARY** INTERCOMS



MIDLAND BT NEXT CONFERENCE

Bluetooth™

CONFERENCE 4 PEOPLE

INTERCOM 6 PEOPLE

INTERCOM UP TO 1600 M*

UNIVERSAL INTERCOM

FM RADIO

FOLDING ANTENNA

NEW: INTERCOM CONFERENCE UP TO 4 PEOPLE, "ONE TO ONE" UP TO 6 PEOPLE

INTERCOM CONFERENCE "ONE CLICK TALK"

Choose between Intercom Conference (simultaneous communication up to 4 BT Next Conference) and the classic Intercom up to 6 people in communication one to one

INTERCOM UP TO 1,6 KM*

The BT Next Conference range is up to 1.6 km

FM RADIO WITH RDS, 6 PRESETS

Bt Next Conference has built-in FM radio. In addition to the RDS function, it allows the storage of 6 radio stations. Stereo, of course

PACKS AND CODES

Wired and boom microphone, installation system for all kind of helmets on a slide and tape and an adhesive slide, audio kit with ultra-thin speakers, mp3 cable and wall charger

Single pack C1141

Twin pack C1141.01

* In an open field and with no interference and/or obstacles

MIDLAND BTX2 FM

Bluetooth™

INTERCOM 4 PEOPLE

INTERCOM UP TO 800 M*

UNIVERSAL INTERCOM

FM RADIO

FOLDING ANTENNA

NEW: INTERCOM UP TO 4 PEOPLE, FM RADIO WITH RDS, 6 PRESETS

INTERCOM FUNCTION UP TO 4 PEOPLE

It allows communications up to 4 people (one to one).

UP TO 800 METERS*

The range of BTX2 FM is up to 800m

TALK 2 ALL UNIVERSAL INTERCOM FUNCTION

Like all Next Generation devices, BTX2 FM matches with any Intercom of any brand.

PACKS AND CODES

Wired and boom microphone, installation system for all kind of helmets on a slide and tape and an adhesive slide, audio kit with ultra-thin speakers, mp3 cable and wall charger

Single pack C1143

Twin pack C1143.01

* In an open field and with no interference and/or obstacles

MIDLAND BTX1 FM

Bluetooth™

INTERCOM 2 PEOPLE

INTERCOM UP TO 10 M

UNIVERSAL INTERCOM

FM RADIO

NEW: FM RADIO WITH RDS, 6 PRESETS

INTERCOM FUNCTION 2 PEOPLE

It allows communications up to 2 people in Full Duplex

UP TO 10M

The range of BTX1 FM is 10m, created for Rider and Passenger conversations

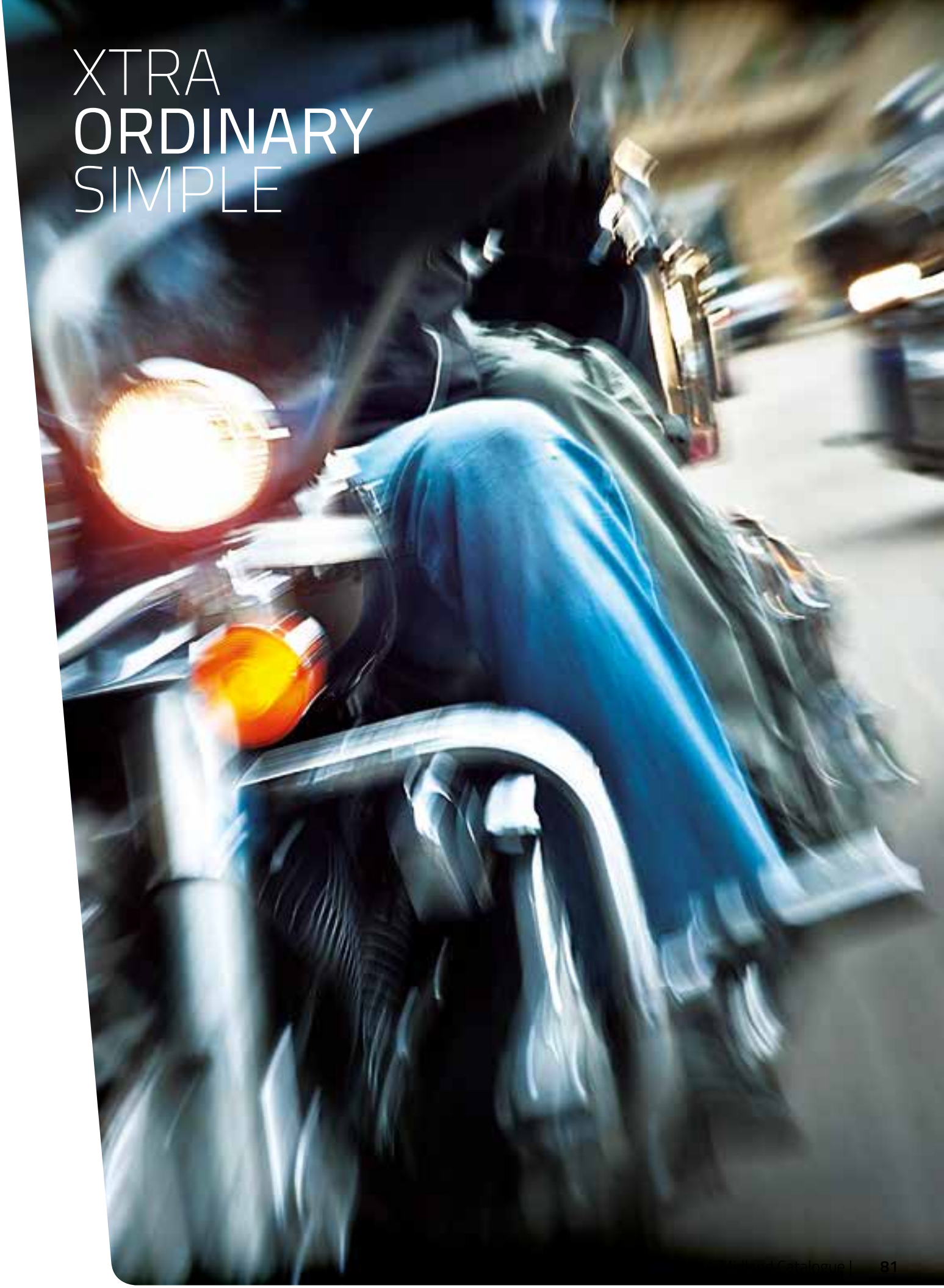
TALK 2 ALL UNIVERSAL INTERCOM FUNCTION

Like all Next Generation devices, BTX1 FM matches with any Intercom of any brand.

PACKS AND CODES

Wired and boom microphone, installation system for all kind of helmets on a slide and tape and an adhesive slide, audio kit with ultra-thin speakers, wall charger

Single pack C1142
Twin pack C1142.01


XTRA
ORDINARY
SIMPLE

MIDLAND BT CITY

Bluetooth™

INTERCOM 2 PEOPLE

INTERCOM UP TO 200 M*

KIT FOR SKI HELMET

KIT FOR SPORT WITH/WITHOUT HELMET

BORN FOR THE CITY AND THE SCOOTER, IT TURNS TO BE USED ANYWHERE

INTERCOM 2 PEOPLE, UP TO 200 METERS*

It allows communications up to 2 people in Full Duplex. The range of BT City is 200m*.

SWITCH FROM THE MOTORCYCLE TO THE BIKE, ON THE SKI SLOPES AND CLIMBING ...

Choose the kit that turns your motorbike Intercom into an Intercom for skiers, climbers,bikers, etc.

BT ACTION KIT C1030
BT SKI AUDIO KIT C932
BT SKI UNIVERSAL KIT C1053

PACKS AND CODES

Wired and boom microphone, installation system for all kind of helmets on a slide and tape and an adhesive slide, audio kit with ultra-thin speakers, mp3 cable and wall charger

Single pack C929
Twin pack C929.01

* In an open field and with no interference and/or obstacles

MIDLAND BT REMOTE

WATERPROOF IPX4

EASY INSTALLATION

EASY PRESS

BLUETOOTH REMOTE CONTROL

Midland BT Remote is the accessory designed for the safety and comfort on motorbike. It is simple and easy to use: a concentrate of technology, safety and functionality.
It can be installed on any motorbike handlebar to activate and control all functions of the devices Midland BT Next, BTX2, BTX1 and BTCity without removing your hands from the handlebars through 5 finger friendly keys.
Water resistant (IPX4 Certified)

PACKS AND CODES

Single, **C1032**

MIDLAND G8E-BT

FOR LIMITLESS GROUP COMMUNICATION WITH BUILT-IN BLUETOOTH® TECHNOLOGY

See page 16

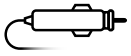
ACCESSORIES

AUDIO KIT

BT LINE	BT NEXT AUDIO KIT	**C1008**	Standard stereo audio kit complete with speakers and 2 microphones (wire/armband). For BT Next, BTX2, BTX1 and BT City.

BT2, BT1 BT SINGLE	HI-FI SPEAKER	**C895**	High performance Hi-Fi speakers.

TRAVEL CHARGERS



BT LINE	AL 12 V	**C894**	12V travel charger for BT line
BT REMOTE	BTREMOTE AL12V	**C1043**	12V travel charger for BT Remote

EXTERNAL MIKE CLAMP

BT CITY FOR SCOOTER	BT CITY & EVA EXTERNAL MIKE MOUNT	**C978**	Bi-adhesive helmet mounting system with arm microphone

BT INTERCOM BT RIDER	CLAMP BT XL DUAL FIX	**C836.01**	Midland BT/Scala Rider Cardo audio kit helmet fixture (20 cm long) with biadhesive. For BT Intercom, BT Rider

WALL CHARGERS

	BT LINE	MW BT	**R13720**	Double BT line USB wall charger, BT LINE
See page 33	UNIVERSAL	EMERGENCY CHARGER	**C920**	In the event of a flat battery, the emergency charger enables the various BT line models, Midland Action video cameras, devices with MiniUSB sockets and many different mobile telephone models to be recharged using the provided adapter cables.

MOUNTING KIT

BT LINE	BT NEXT MOUNTING KIT	**C1009**	Twin helmet mounting kit with screw clamp and bi-adhesive bases. For BT Next, BTX2, BTX1

	BT LINE		**R73470**	Single base with bi-adhesive. For BT Next, BTX2, BTX1.
	BT CITY	BT CITY & EVA MOUNTING KIT	**C937**	Helmet mounting kit with screw clamp and bi-adhesive bases. For BT City&Eva
	BT2 BT1 BT SINGLE	BT2 MOUNTING KIT	**R73641**	Helmet mounting kit with bi-adhesive base.

KIT FOR BT CITY

	SKIING WITH/ WITHOUT HELMET	BT SKI AUDIO KIT	**C932**	Stereo headphones (earwarmer type) with microphone and velcro strap for fastening to the helmet. It enables the BT City to be used on the ski slopes
	SKIING WITH HELMET	BT SKI UNIVERSAL KIT	**C1053**	Universal kit consisting of stereo speaker and built-in arm-mounted microphone, velcro strap and bi-adhesive clamp for fastening to the helmet. It enables to use BT City with any ski helmet
	SPORT WITH/ WITHOUT HELMET	BT ACTION KIT	**C1030**	Kit for installation on bicycle, climbing helmets etc. or to use BT City without a helmet. The kit includes rotating clamp, velcro strap and mono adjustable headset

RADIO MOUNTING SYSTEM FOR MOTORBIKE AND CAR

See page 33	G8E-BT, G7, G9		**KIT 161**	Kit for fastening to motorcycle handlebar, composed of clip and adjustable strap
See page 33	G8E-BT, G7, G9	TWO WAY RADIO CAR KIT	**C982**	Car kit with suction pad mount, 12V charger. Conversations can take place in Vox mode or with the shoulder microphone included in the pack.

BLUETOOTH ADAPTER FOR TRANSCEIVERS

see page 33	2-PIN RADIOS	BPA200	**C900**	PBA200 transforms a standard radio into a Bluetooth one to connect any headset or BT Intercom. Built-in PTT button, waterproof.

MOTORCYCLE RIDER KIT

See page 33	2-PIN RADIOS	MA46	**C660**	Microphone/speaker to be combined to a 2-pin transceiver for bike-to-bike communication. Equipped with a handlebar PTT button to connect the passenger use the Midland G8 and the passenger kit 132.

SMARTPHONE/GPS HOLDERS

CASES FOR SMARTPHONES

MK-SMART HC **C1125**

Motorcycle mount system for iPhone 4, iPhone 5/5S/5C, SamsungGalaxy S3 - hard case.
Internal dimensions: 120x64x15 mm

MK-IPHONE 5 **C1103**

Motorcycle mount system for iPhone 5/5S/5C - soft case.
Internal dimensions: 125x62x18 mm

MK-IPHONE 4 **C1102**

Motorcycle mount system for iPhone 4 - soft case.
Internal dimensions: 115x65x18 mm

MK-GALAXYNOTE **C1101**

Motorcycle mount system for Galaxy note- soft case.
Internal dimensions: 148x83x18 mm

MK-SMARTPHONE **C1100**

Motorcycle mount system for Smartphone - soft case.
Internal dimensions: 122x70x18 mm

CASES FOR GPS

MK-GPS 60 **C1099**

Motorcycle mounting system for gps6" - soft case. Internal dimensions: 170x104x40 mm

MK-GPS 50 **C1098**

Motorcycle mounting system for gps5" - soft case. Internal dimensions: 148x100x52 mm

MK-GPS43 **C1097**

Motorcycle mounting system for gps4,3" - soft case. Internal dimensions: 135x85x45 mm

MK-GPS 35 **C1096**

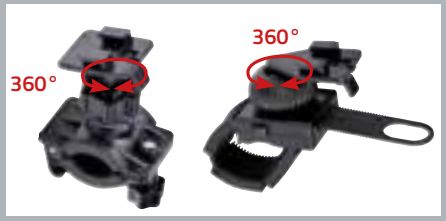
Motorcycle mounting system for gps3,5" - soft case. Internal dimensions: 115x80x50 mm

UNIVERSAL STRAP FOR SCOOTER **C1134**

for non-tubular handlebars

THE BEST HOLDERS TO FIX SMARTPHONES AND GPS TO THE HANDLEBAR

Midland has a new line of holders conceived to fix the electronic devices used during motorbike trips to the handlebars and protect them against weather, water, dust and mud.



360° UNIVERSAL ROTATING FITTING

Each package includes two 360° rotating fittings for non-tubular and tubular handlebars.

NEW: UNIVERSAL STRAP FOR SCOOTERS

Available as an optional accessory strap for non-tubular handlebars, with fastening/quick release and 360° swivel.

THE PACK OF CASES CONTAIN:

waterproof case, 1 hook for tubular handlebars, 1 hook for non- tubular handlebar, thickness for a perfect housing and safety strap from the handlebar.

XTRA ORDINARY CASES

RADIO IN MOTION

KIT FOR THE USE OF TRANSCEIVERS COUPLED WITH A INTERCOM DEVICE

INTERCOM	TRANSCEIVER	KIT	INCLUDES:
BT NEXT BTX2 BTX1 BTCITY	*	**165**	Adapter cable with PTT BHS300U + Adapter lead for BT Intercom/radio connection BT312
	**	**129**	Adapter cable with PTT BHS301 + Adapter lead for BT Intercom/radio connection BT312

* 2 pin transceivers models Midland G6, G6XT, G7 line, G8, G9 ** 1 pin transceivers models Midland777, G5 e G5XT

KIT FOR THE USE OF TRANSCEIVERS WITH HELMET (MICROPHONE/SPEAKER FOR RADIO)

HELMET	TRANSCEIVER	KIT	DESCRIPTION
FULL-FACE MODULAR JET	*	**166**	Rider kit composed of CHS300, OHS500, BHS300N
	**	**132**	Passenger kit composed of CHS300+OHS500+BHS303
	***	**131**	Rider kit composed of CHS300+OHS500+BHS301

* 2 pin transceivers models Midland G7, G8 ** transceiver model Midland G8 *** 1 pin transceiver model Midland777

SHS300 **C852**
Stereo headphones for full-face and jet helmets with adapter 3.5 mm/2.5 mm (MP3-iPhone)

CHS300 **C802**
Microphone/speaker for full-face helmet

OHS550 **C801**
Microphone/speaker with internal armband

OHS500 **C800**
Microphone/speaker with external armband

BHS300N **41940**
BHS300U **41939** **(BT)**
BHS300K **41942** **(KENWOOD)**
Adapter cable for 2-pin radio with PTT

BHS301 **C798**
Adapter cable for 1-pin radio with PTT

EXT300 **C853**
2m spiral extension cable

BT 312 **C905**
Adapter lead for BT Intercom/ radio connection to be used with a BHS300 or BHS301 lead

INTERCOMS & HEADPHONES FOR SPORT &FREE TIME

THE GIORGIO ROCCA SKI ACADEMY AND SKI TEAM USE
BT SKI FOR THEIR EVERYDAY TRAINING

MIDLAND BTSKI ACTION

WATERPROOF

INTERCOM 200 M

STEREO

THE BLUETOOTH EARPIECES FOR SPORT

WINTER INTERCOM

The smallest, most practical Bluetooth stereo device for skiers and snowboarders. Speak in intercom mode with another BT SKI ACTION using voice activation.

SPEAK/ANSWER YOUR MOBILE TELEPHONE

Easy to use with all mobile telephones with built-in Bluetooth, to listen to music and answer calls.

LISTEN TO MUSIC COMMUNICATE IN GROUPS

Compatible with iPod/MP3 player and with PMR446 transceivers. With optional lead (kit 129) or by Bluetooth as with the Midland G8E BT, for communication with more than one person/group.

DUAL USE: FOR TEACHING

An extremely useful instrument for ski instructors, for both individual and group lessons (combined with PMR446 transceivers).

INTERCOM SYSTEM FOR WINTER...

Bluetooth™

CELL/MP3 CONNECTION

SPEAK IN A GROUP WITH PMR446

IPOD/MP3/PMR446 WIRED CONNECTION

INTERCOM SYSTEM FOR SUMMER

SUMMER INTERCOM

BT Ski Action is used during any outdoor sports, even in the summer: for biking, climbing, paragliding, etc.

KITS FOR WEARING BT SKI ACTION WITH AND WITHOUT A HELMET

Thanks to the fixing kits provided in the package, BT Ski Action can be fastened to the helmet with the practical Velcro band, or worn thanks to the collar clamp

PACKS AND CODES

device, wired audio kit with 2 stereo speakers and armband microphone for winter helmet wiring, Velcro band, bi-adhesive clamp, rotating collar clamp, single earpiece for summer use with/without helmet, stereo audio lead to connect an iPod or MP3 player, USB lead

Single pack C928.10

Twin pack C928.11

SUBZERO

CELL/MP3 CONNECTION

SPEAK IN A GROUP WITH BLUETOOTH PMR446

IPOD/MP3/PMR446 WIRED CONNECTION

EXTERIOR: WATERPROOF FABRIC
INTERIOR: WARM, ECOLOGICAL FUR

EXTERIOR: BREATHABLE FABRIC
INTERIOR: COOL COTTON

SUBZERO: THE HI-FI STEREO HEADPHONES FOR THOSE OUTDOORS

HI-FI STEREO HEADPHONES

Subzero and Subzero Sun, the hi-fi stereo headphones built into a practical adjustable earwarmer type system to be worn behind the neck. To answer the mobile telephone and listen to music with excellent audio quality.

PACKAGE INCLUDES:

cable with microphone and Answer/ Command function for the mobile telephone or Play/Pause for music (iPod,iPhone, MP3 and the best mobile telephones), cable with microphone and PTT for connection to 2-pin Midland transceivers.

WINTER SUBZERO

Colours available for the winter:

Black	**C936.03**
Red	**C936.04**
White	**C936.05**
Pink	**C936.06**
Camouflage	**C936.07**
Yellow	**C936.08**
Black leather	**C936.13**
Black pierced fabric	**C936.19**

SUBZERO SUN FOR THE SUMMER SEASON

Colours available for the summer in a pierced fabric:

Black	**C936.17**
Orange	**C936.18**

SPORTEK

Bluetooth™

7 HOURS CONVERSATION
140 HOURS STAND-BY

THE HEADPHONES FOR RUNNERS AND THOSE WANTING TO LISTEN TO MUSIC WIRELESS

BLUETOOTH HEADPHONES WITH BUILT-IN MICROPHONE

Answer the mobile telephone and listen to music. Hard-wearing yet flexible, with ergonomic controls positioned on the right-hand side of the device. To be worn comfortably behind the neck.

PACKS AND CODES

Bluetooth stereo headphones, 3 pairs of sponge pads to best adapt the headphones to your ear, USB lead.
code C1028

ACCESSORIES
BT SKI ACTION

KIT TO USE BT SKI ACTION WITH TRANSCEIVER

2 PIN

KIT 165

Includes: adapter cable with PTT (BHS300Ucode 41939) + adapter lead for BT Intercom/radio connection (BT312code C905)

1 PIN

KIT 129

Includes: adapter cable with PTT (BHS301 cod. C798) adapter lead for BT Intercom/radio connection (BT312 cod. C905)

KIT FOR BT SKI

BT MOTO AUDIO KIT **C933**

TO USE BT SKI ON THE MOTORCYCLE
Stereo headphones for universal mounting on motorcycle helmet with 2 microphones (boom and wired) and two fixtures (screw and bi-adhesive)

BT ACTION KIT **C1030**

Kit for installation on bicycle, climbing helmets etc. or to use BT City without a helmet. The kit includes rotating clamp, velcro strap and mono adjustable headset

CHARGERS AND EAR WARMER COVER

AL12V **C894**

Travel power supply 12V

EMERGENCY CHARGER **C920**

In the event of a flat battery, the emergency charger enables the various BT line models, Midland Action video cameras, devices with MiniUSB sockets and many different mobile telephone models to be recharged using the provided adapter cables.

C993

Hygienic disposable ear-warmer cover (ideal for ski schools)

GEOPOINT BOX SMS

SPY FUNCTION FOR PEOPLE, VEHICLES AND GOODS

SATELLITE ANTI-THEFT DEVICE

TRACK ON SMARTPHONE/PC

MOVEMENT ALARM IN A PREDEFINED AREA

SEND SMS POSITION, SPEED, ALTITUDE

SOS BUTTON WITH 4 PREPROGRAMMED TELEPHONE NUMBERS

LOCALISES OBJECTS AND PEOPLE IN REAL TIME ON SMARTPHONES AND/OR PCS, SENDS SOS CALLS...

MAIN FEATURES

- **Tracks people** (useful for the elderly, children, etc.), **tracks vehicles and goods:** easily hidden, sends position, altitude and speed via SMS message
- Portable, satellite **anti-theft device** for cars, motorcycles, boats, etc.
- Programmable sending of position, speed and altitude **by SMS**
- **Sending of an alarm** to signal the entrance into or exit from a pre-established area (geofencing)
- **Send/query to Smartphone/PC** by means of GPRS/INTERNET
- **By pressing the SOS button,** repeated SMS messages requesting help and specifying the position are sent to up to 4 different, pre-programmed telephone numbers.
- **MyTrack software** for PCs able to show device position on a map
- **Saves positions or favourite places,** extremely useful for hikers, mushroom seekers, athletes and lovers of the outdoor life

PACKS AND CODES

Geopoint Box SMS
1 localiser, 1 wall charger, 1 car power supply, 1 USB lead, Li-ion battery pack, CD RM MyTrack software, device user's manual, MyTrack software user's manual
cod. C911 Geopoint White
cod. C911.01 Geopoint Green
cod. C911.02 Geopoint Grey

With the GSM SIM card: Geopoint requires no subscription to operative centres, it merely requires a subscription or rechargeable telephone card with which to send SMS, connect to the free I-Scout server or make emergency telephone calls (telephone costs vary according to the chosen telephone operator).

GEOPOINT VOICE LCD

TELEPHONE FUNCTION

SPY FUNCTION FOR PEOPLE, VEHICLES AND GOODS

SATELLITE ANTI-THEFT DEVICE

TRACK ON SMARTPHONE/PC

MOVEMENT ALARM IN A PREDEFINED AREA

SEND SMS POSITION, SPEED, ALTITUDE

SOS BUTTON WITH 4 PREPROGRAMMED TELEPHONE NUMBERS

FIND ANOTHER GEOPOINT

GUIDES TO A DESTINATION, LOCATES WITHOUT GIVING RISE TO SUSPICION...

MAIN FEATURES

- **LCD screen** for user-friendly use
- **Guides to** a pre-set destination or a point of route departure
- Identifies another Geopoint, specifying the distance and direction to reach it
- **Calls like a GSM telephone**, to the numbers pre-set in the address book or answers incoming calls
- **Tracks people** (useful for the elderly, children, etc.), **tracks vehicles and goods:** easily hidden, sends position, altitude and speed via SMS message
- Portable, satellite **anti-theft device** for cars, motorcycles, boats, etc.
- **Sends an alarm** to signal the entrance into or exit from a pre-established area (geofencing)
- **Track position and movements** on Smartphone/PC by means of GPRS/ INTERNET
- **Saves positions or favourite place**s, extremely useful for hikers, mushroom seekers, athletes and lovers of the outdoor life
- **By pressing the SOS button**, repeated SMS messages requesting help are sent to up to 4 different, pre-programmed telephone numbers.
- **MyTrack software** for PCs able to show device position on a map
- **On-line upgrades**

PACKS AND CODES

Geopoint Voice LCD
1 localiser with vocal function and 2MB data memory, 1 earpiece kit, 1 wall charger, 1 car power supply, 1 USB lead, Li-ion battery pack, CD RM MyTrack software, device user's manual, MyTrack software user's manual
cod. C912 Geopoint White
cod. C912.01 Geopoint Green
cod. C912.02 Geopoint Grey

With the GSM SIM card: Geopoint requires no subscription to operative centres, it merely requires a subscription or rechargeable telephone card with which to send SMS, connect to the free I-Scout server or make emergency telephone calls (telephone costs vary according to the chosen telephone operator).

THE WORLD IN COMMUNICATION

42 YEARS OF TECHNOLOGY AND PASSION

Since 1972, CTE International has been one of the world's main companies in radio communications, thanks to its great competence, passion and constant market monitoring.

The interpretation of market demands, applied to a knowledge of the most advanced technologies, has enabled CTE to develop a range of services from the in-house development of products and integrated radiocommunications systems to consulting and distribution worldwide.

OUR MISSION

Guarantee quality in the innovation of communication systems.

The professionalism and commitment that goes into keeping this premise mean that we have led the radio remote communication, digital TV, FM broadcasting, mobile Bluetooth® communication on the motorcycle, for sport (skiing, snowboarding, climbing, free time) and, most recently, in Action video cameras world for the last 41 years.

THE CTE INTERNATIONAL GROUP

CTE International is present worldwide, with partners and branches in France, Great Britain, Spain, Germany, Greece, Russia, the Ukraine, Bulgaria, Poland, the United States of America, South America and Singapore, companies that are competent and reliable and which form the backbone of its commercial policy. CTE guarantees customer satisfaction by truly allowing the world to communicate.

Important companies are part of the group:

- Midland Radio Corporation of Kansas City with its historic amateur and professional radio communications brand and the weather radio sector giant in the United States of America
- Cte Digital Broadcast, which produces TV transmitters and digital repeaters. The industrial pole of Cte Digital Broadcast was established in 2008, comprising the broadcast divisions of CTE International, CTE DB, META System spa and TEKO Telecom spa.

BUSINESS UNITS

CTE International has consolidated its position, establishing its offer along two main lines, managed by specialised business units: Radio and Microline.

The Midland Radio Business Unit

The Radio Business Unit - **Midland** brand - invests constantly in the research, development and design of new communication products and its latest success if the range of Mini Action Cam XTCs for filming life on the move.

Midland is: PMR446/LPD transceivers; portable and vehicle CBs (citizen bands); marine VHFs; amateur VHFs and UHFs; Bluetooth intercoms for communication on motorcycles, for sport and free time and, last but not least, the ultra-high performance Mini Action Cam XTC.

The Radio Business Unit
Alan Professional

The Radio Business Unit - the **Alan Professional** brand - develops and realises vehicle and portable conventional type PMR transceivers and independent networks for communication for public and private businesses, emergency services, watch services and the public administration.

In addition to Alan and Midland, in 2001, the **Albrecht** brand also joined the sister company Alan Germany.

Business Unit Microline

The **Microline** business unit is involved in the development and realisation of professional audio, video and tracking systems for intelligence and counter-espionage.
Microline solutions are entirely built in Italy by the technical staff of **CTE International** and stand out for their constant innovation in design and construction solutions that are tested in teams with experts of the entities intended to use them.
Famous and appreciated worldwide, the **Microline** solutions stand out for their great miniaturisation and reliability.
Products can be customised to meet specific demands, intended fro the complex, constantly evolving world of legal investigations.

CTE INTERNATIONAL PARTNERS & BRANCHES

USA
MIDLAND RADIO CORPORATION
5900 Parretta Drive Kansas City
MO - 64120
Tel. +1 816 241 8500
Fax +1 816 241 5713
www.midlandradio.com

Bulgaria
ALAN TELECOMMUNICATION Ltd
N.185, Slivnitza Blvd. Sofia 1233
Tel. +359 2 9312101
Fax +359 2 9311534
e-mail: alan.bulgaria@me.com
www.midlandradio.eu

France
ALAN FRANCE S.A.R.L.
5, rue Ferrié
Zac les Portes du Vexin
95300 Ennery - France
Tél : +33 134 214690
Fax : +33 177 374852
e-mail: infos@alanfrance.fr
www.alanfrance.fr

Germany
ALAN ELECTRONICS GmbH
Daimlerstr. 1 k, D-63303 Dreieich
Tel. +49 6103 9481-0
Fax +49 6103 9481-60
Zweigstelle:
Dovenkamp 11, D-22952
Lütjensee
Tel. +49 4154 849-0
Fax +49 4154 849-100
e-mail: info@alan-electronics.de
www.alan-electronics.de

Greece
COBRA CENTER Ltd
25 TH Martiou 13, Tavros - 17778
Athens
Tel. +30 210 4829801/5
Fax +30 210 4826528
e-mail: techdep@cobra-center.gr
www.cobra-center.gr

Poland
ALAN TELEKOMUNIKACJA SP. Z.O.O.
Jawczyce, Ul.Poznanska 64
05-850 Ozarow Mazowiecki,
Warsaw
Tel. +48 22 7223500
Fax +48 22 7222995
e-mail: info@alan.pl
www.alan.pl

Romania
SC Online Shop srl
Cui 16306031 Str. Orhei Nr. 4,
Bi.T1, Ap. 31 Piatra Neamt
Tel. +40 744517985
Fax +40 233233258
email: comenzi@statie-radio.ro
www.statie-radio.ro

UK
ALAN – NEVADA UK
Unit 1 Fitzherbert Spur Farlington
Portsmouth Hants. P06 1TT
Tel. +44 23 92313093/1793
882431
Fax +44 23 9231 3091
e-mail: sales@nevada.co.uk
www.nevada.co.uk

Russia
ZAO 'Alan-Sviaz'
Fortunatovskaya, 31A/2
105187, Moscow
Tel/Fax: +7 945 646-88-18
e-mail: info@midland.ru
www.midland.ru

Singapore
ALAN TELECOM PTE LTD
111 North Bridge Road
#08-28 Peninsula Plaza
Singapore 179098
Tel/Fax +65 6883 0618
mak@alantelecom.com.sg
www.midlandradio.eu

Spain
ALAN COMMUNICATIONS S.A.
C/Cobalt, 48
08940 Cornellà de Llobregat
(Barcelona)
Tel. +34 93 3776671
Fax +34 93 3779155
e-mail: info@alan.es
www.alan.es - www.midland.es

Venezuela
BACA Comunicaciones, C.A.
4ta. Av. entre 3era y 4ta.
transversal
Edif. Tebainca, Piso 2 Ofc 22
Los Palos Grandes,
Zona Postal 1060, Caracas
Tel. +58 212 285 3348
Fax:+58 212 285 6324
email: ventas@baca.com.ve
www.baca.com.ve

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All our products are covered by a 24-month warranty, as long as they are sent to our Technical Service Centres together with the tax receipt.
Contact our Authorised Retailer who will tell you where the nearest Service Centre is located.

N.B. no returns of materials will be accepted if not ex works and by prior authorisation of the Sales Department (+39 0522 509420/423) or Customer Technical Assistance Department (+39 0522 509535). Lack of this authorisation will entail the immediate return of products to the sender.

This catalogue replaces and cancels all previous versions. We reserve the right to alter and improve the technical and aesthetic characteristics of the equipment at any time, without warning. We would like to thank our collaborators, sponsors and partners for the images kindly provided to help prepare this catalogue.

CERTIFICATIONS

REG. N.1484 – A UNI EN ISO 9001:2008

ISO 9001 2008: for the design, production and installation of telecommunication systems and equipment for industrial, military, civil, marine and consumer use.

EUROPEAN TELECOMMUNICATIONS STANDARD INSTITUTE

CTE International is a credited member of ETSI - the European Telecommunications Standards Institute - which it helps define standardised technical specifications for telecommunication products and services.

ASSOCIATO

CTE International is part of the ANIE Federation research and innovation commission, a member of Confindustria and represents the electro-technical and electronic businesses operating in Italy.

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CTE INTERNATIONAL srl
Headquarters
Via R. Sevardi 7 - 42124 Reggio Emilia - Italy
Tel. +39 0522 509411 ▪ Fax +39 0522 509448 ▪ lmr.com@cte.it
www.cte.it ▪ www.midlandradio.eu

Research and development Unit
Via R. Sevardi 8 - 42124 Reggio Emilia - Italy

Rome branch
Via Zoe Fontana 220 - 00131 Rome

DEALER

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